

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No. LIH-14	Application No. 09/497,071
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Linda I. Borghesani-Hoffberg	
		Filing Date February 2, 2000	Group Art Unit 2421
(37 CFR §1.98(b))			

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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes No	

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		Dialog No.: 03750577 EI Monthly No.: EIP93111131815 Title: Fractal precision models of lathe-type turning machines Author: Tumer, Irem Y.; Srinivasen, R.L.; Wood, Kristin L.; Busch-Vishniac, Ilene Corporate Source: Univ of Texas, Austin, TX, USA Conference Title: Proceedings of the 19th Annual ASME Design Automation Conference. part 2 (of 2) Conference Location: Albuquerque, NM, USA Conference Sponsor: ASME, The Design Engineering Division Source: Advances in Design Automation American Society of Mechanical Engineers, Design Engineering Division (Publication) DE v 65 pt 2 1993. Publ by ASME, New York, NY, USA. pp. 501-513 Publication Year, 1993.

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Other Documents (include Author, Title, Date, and Place of Publication)		
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		Dialog No.: 03751707 EI Monthly No.: EIP93111134256 Title: Computer art representing the behavior of the Newton-Raphson method Author: Walter, David John Corporate Source: Nanyang Technological Univ, Singapore Source: Computers & Graphics (Pergamon) v 17 n 4 Jul.-Aug. 1993. pp. 487-488 Publication Year: 1993.
		Dialog No.: 03755356 EI Monthly No.: EIP93121139068 Title: Realistic phase distributions derived from the Wigner function Author: Bandiilla, A.; Ritze, H.H. Corporate Source: Univ Berlin, Berlin, Ger Source: Journal of the European Optical Society Part B: Quantum Optics v 5 n 4 Aug. 1993. pp. 213-222 Publication Year: 1993.
		Dialog No.: 03758542 EI Monthly No.: EIP93121144140 Title: Implications of the user's informatoin processing strategy on the design of decision aids for complex systems Author: Matthews, Michael L.; McFadden, Sharon M. Corporate Source: Univ of Guelph. Ont. Can Conference Title: Proceedings of the 37th Annual Meeting the Human Factors and Ergonomics Society Conference Location: Seattle, WA, USA Source: Designing for Diversity Proceedgins of the Human Factors and Ergonomics Society v 1 1993. publ by Human Factors and Ergonomics Society, Inc., Santa Monica, CA, USA. pp. 358-362 Publication Year: 1993.
		Dialog No.: 03759087 EI Monthly No.: EIP93111136171 Title: Chaos and fractal algorithms applied to signal processing and analysis Author: Handley, J.W.; Jaerusch, H.M.; Bjork, C.A.; Richardson, L.T.; Carruth, R.T. Corporate Source: Univ of Alabama in Huntsville, Huntsville, AL, USA Source: Simulation v 60 n 4 Apr. 1993. pp. 261-279 Publication Year: 1993.
		Dialog No.: 03759968 EI Monthly No.: EIP93111136890 Title: Face recognition: Features versus templates Author: Brunelli, Roberto; Poggio, Tomaso Corporate Source: Instinuito per la Ricerez Scientifica e Tecnologica, Trento, Italy Source: IEEE Transactions on Pattern Analysis and Machine Intelligence v 15 n 10 Oct. 1993. pp. 1042-1052 Publication Year: 1993.

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		DIALOG No.: 03763234 EI Monthly No.: EIP93121145940, Title: Pattern recognition properties of various features spaces for higher order neural networks, Author: Schmidt, William A. C.; Davis, John P., Corporate Source: Naval Air Development Cent Mission and Avionics Technology Dep, Warminster PA, USA, Source: IEEE Transactions on Pattern Analysis and Machine Intelligence v 15 n 8 Aug. 1993. pp. 795-801, Publication Year: 1993.
		Dialog No.: 03765361 EI Monthly No.: EIP93071030657 Title: Investigating facial verification systems using backpropagation neural networks Author: Payne, Tanya L.; Solheim, Inger, Castain, Ralph Corporate Source: Los Alamos Natl Lab, Los Alamos, NM, USA Conference Title: Proceedings of the 3rd Workshop on Neural Networks: Academic/Industrial/NASA/Defense Conference Location: Alabama, AL, USA Conference Sponsor: Auburn University Space Power Institute; Center for Commercial Development of Space Power and Advanced Electronics; NASA Headquarter Source: Proceedings of SPIE--The International Society for Optical Engineering v 1721 1993. Publ by Society of Photo-Optical Instrumentation Engineers, Bellingham, WA, USA. pp. 340-344 Publication Year: 1993.
		Dialog No.: 03765362 EI Monthly No.: EIP93071030658 Title: Neural net based 2D-vision system for real-time applications Author: Reddy, O.N.; Valthilingham, S.; Bean, W.C. Corporate Source: Lamar Univ, Beaumont, TX, USA Conference Title: Proceedings of the 3rd Workshop on Neural Networks: Academic/Industrial/NASA/Defense Conference Location: Alabama, AL, USA Conference Sponsor: Auburn University Space Power Institute; Center for Commercial Development of Space Power and Advanced Electronics; NASA Headquarters Source: Proceedings of SPIE--The International Society for Optical Engineering v 1721 1993. Publ by Society of Photo-Optical Instrumentation Engineers, Bellingham, WA, USA. pp. 345-348 Publication Year: 1993.

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		Dialog No.: 03765834 EI Monthly No.: EIP93101115999 Title: Improved electro-optical target detection in a natural fractal environment Author: Cohen, G.; Reina, G.; Tidhar, Gil; Rotman, Stanley R. Corporate Source: Ben-Gurion Univ. of the Negev, Beer-Sheva, Isr Conference Title: 8th Meeting on Optical Engineering in Israel: Optical Engineering and Remote Sensing Conference Location: Tel Aviv, Isr Conference Sponsor: SPIE--International Soc for Opt Engineering, Bellingham, WA USA; Int Commission for Optics; European Optical Soc; Optical Soc of America; Asia-Pacific Optics Federation Source: Proceedings of SPIE--The International Society for Optical Engineering v 1971 1993. Publ by Society of Photo-Optical Instrumentation Engineers, Bellingham, WA, USA, pp. 78-92 Publication Year: 1993.
		Dialog No.: 037681138 EI Monthly No.: EIP3121154399 Title: 2 plus 3 model; fractal processes for knowledge-based engineering design Author: Chen, Q. Corporate Source: Dalian Univ of Technology, Dalian, China Source: Cybernetics and Systems v 24 n 5 Sep.-Oct. 1993. pp. 419-440 Publication Year: 1993.
		Dialog No.: 03769393 EI Monthly No.: EIP93121154226 Title: Outdoor landmark recognition using fractal based vision and neural networks Author: Luo, Ren C.; Potlapalli, Harsh; Hislop, David W. Corporate Source: North Carolina State Univ, Raleigh, NC, USA Conference Title: Proceedings of the IEEE/RSJ International Conference on Intelligent Robots and Systems Conference Location: Yokchama, Jpn Conference Sponsor: IEEE Industrial Electronics Society, IEEE Robotics and Automation Society; Robotics Society of Japan (RSJ); Society of Instrument and Control Engineer (SICE); New Technology Foundation Source: 1993 International Conference on Intelligent Robots and Systems 1993. Publ by IEEE, IEEE Service Center, Piscataway, NJ, USA, (IEEE cat n 93CH3213-6). pp. 612-618 Publication Year: 1993.
		DIALOG No.: 03770066 EI Monthly No.: EIP93121161511, Title: Multi-target tracking in dense threat environments, Author: Toomarian, Nikzad, Corporate Source: California Inst of Technology, Pasadena, CA, USA, Source: Computers & Electrical Engineering v 19 n 6 Nov. 1993. pp. 469-479 Publication Year: 1993.

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		DIALOG No.: 03770270 EI Monthly No.: EIP93121161716, Title: Recognition and inspection of manufactured parts using line moments of their boundaries, Author: Wen, Wei; Lozzi, Andrei, Corporate Source: Univ of Sydney, Sydney, Aust, Source: Pattern Recognition v26 n 10 Oct. 1993. pp. 1461-1471, Publication Year: 1993.
		DIALOG No.: 03770294 EI Monthly No.: EIP93121161740, Title: New linear systolic arrays for the string comparison algorithm, Author: Gusev, Marjan; Evans, David J., Corporate Source: Univ ;48 Kiril i Metodij' of Skopje, Skopje, Macedonia, Source: Parallel Computing v 19 n 10 Oct. 1993. pp. 1177-1193, Publication Year: 1993.
		Dialog No.: 03771133 EI Monthly No.: EIP93121160707 Title: Proceedings of the Graphics Interface Author: Anen (Ed.) Conference Title: Proceedings of the Graphics Interface Conference Location: Toronto, Ont, Can Source: Proceedings--Graphics Interface 1993. Publ by Canadian Information Processing Soc, Toronto, Ont, Can. 263p. Publication Year: 1993.
		Dialog No.: 03773364 EI Monthly No.: EIP94011166633 Title: High confidence visual recognition of persons by a test of statistical independence Author: Daugman, John G. Corporate Source: Cambridge Univ. Cambridge, Engl Source: IEEE Transactions on Pattern Analysis and Machine Intelligenece v 15 n 11 Nov. 1993. pp. 1148-1161 Publication Year: 1993.
		Dialog No.: 03773367 EI Monthly No.: EIP94011166696 Title: Texture classification by wavelet packet signatures Author: Laine, Andrew; Fan, Nan Corporate Source: Univ of Florida, Gainesville, FL., USA Source: IEEE Transactions on Pattern Analysis and Machine Intelligence v 15 n 11 Nov. 1993. pp. 1186-1191 Publication Year: 1993.

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		DIALOG No.: 03780009 EI Monthly No.: EIP93121138971, Title: Metal/coating/electrolyte interfacial impedance and its global fractal model, Author: Hubrecht, J.; Embrechts, M.; Bogzerts, W. Corporate Source: Katholieke Univ Leuven, Heverlee, Belg, Conference Title: Proceedings of the Second International Symposium on Electrochemical Impedance Spectroscopy, Conference Location: Berling, Ger, Source: Electrochimica Acta v 38 n 14 Oct. 1993, pp. 1867-1875, Publication Year: 1993.
		Dialog No.: 03780159 EI Monthly No.: EIP94011171743 Title: Sens-perceptor: Image based evidence formation model as a logical sensor for robot hand preshaping Author: Nazlibilek, L.; Erkmen, A.; Erkmen, I. Corporate Source: Middle East Technical Univ, Ankara, Turk Conference Title: Proceedings of the 1993 IEEE International Symposium on Intelligent Control Conference Location: Chicago, IL, USA Conference Sponsor: IEEE Control Systems Society Source: Proc 1993 IEEE Int Symp Intell Control 1993. Publ by IEEE, IEEE Service Center, Piscataway, NJ, USA(IEEE cat n 93CH3278-9). pp. 326-331 Publication Year: 1993.
		Dialog No.: 03780174 EI Monthly No.: EIP94011171758 Title: Barnet: A new approach to behavior arbitration Author: Yavnai Corporate Source: Rafael, Haifa, Isr Conference Title: Proceedings of the 1993 IEEE International Symposium on Intelligent Control Conference Location: Chicago, IL, USA Conference Sponsor: IEEE Control Systems Society Source: Proc 1993 IEEE Int Symp Intell Control 1993. Publ by IEEE, IEEE Service Center, Piscataway, NJ, USA, (IEEE cat n 93CH3278-9). pp. 417-422 Publication Year: 1993.
		Dialog No.: 03782823 EI Monthly No.: EIP94011185543 Title: Fractal analysis of fracture patterns using the standard box-counting technique: valid and invalid methodologies Author: Walsh, J.J.; Waterson, J. Corporate Source: Univ of Liverpool, Liverpool, Engl Source: Journal of Structural Geology v 15 n 12 Dec. 1993. pp. 1509-1512 Publication Year: 1993.

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		Dialog No.: 03795505 EI Monthly No.: EIP94021200624 Title: Fractal image coding: a review Author: Jacquin, Arnand E. Corporate Source: AT&T Bell Lab, Murray Hill, NJ, USA Source: Proceedings of the IEEE v 81 n 10 Oct. 1993. pp. 1451-1465 Publication Year: 1993.
		Dialog No.: 03798198 EI Monthly No.: EIP94021198639 Title: Magnetization reversal in CoPt magnetoopic recording alloys Author: Klenefeld, T.; Kim, W.S.; Valentin, J.; Weller, D. Corporate Source: Univ Duisburg, Duisburg Ger Conference Title: Proceedings of the 1993 MRS Spring Meeting on Magnetic Ultrathin Films Conference Location: San Francisco, CA, USA Source: Multilayers and Surfaces Materialse Research Society Symposium Proceedings v 313 1993. Publ by Materials Rsearch Society, Pittsburgh, PA, USA. pp. 315-319 Publication Year 1993.
		Dialog No.: 03803851 EI Monthly No.: EIP94021215641 Title: Fractal modeling techniques for spatial data Author: Gregorski, Mark E.; Jensen, Olivia Corporate Source: Univ of Waterloo, Waterloo, Ont, Can Source: IEEE Transactions on Geoscience and Remote Sensing v 31 n 5 Sep. 1993. pp. 980-988. Publication Year: 1993.
		Dialog No.: 03807554 EI Monthly No.: EIP94021216087 Title: VLSI architecture for polygon recognition Author: Sastry, Raghu; Ranganthan, N.; Bunka, Horst Corporate Source: Univ. of South Florida, Tampa, FL, USA Source: IEEE Transactions on Very Large Scale Integration (VLSI) Systems v 1 n 4 Dec. 1993. pp. 398-407 Publication Year: 1993.
		Dialog No.: 03810232 EI Monthly No.: EIP94021217618 Title: IEEE Computer Vision and Pattern Recognition Author: Anon(Ed.) Conference Title: Proceedings of the 1993 IEEE Computer Society Conference on Computer Vision and Pattern Recognition Conference Location: New York, NY, USA, Conference Sponsor: IEEE Source: IEEE Computer Vision and Pattern Recognition Proc 1993 IEEE Comput Soc Conf Comput Vision Pattern Recognit 1993. Publ by IEEE, IEEE Service Center, Piscataway, NJ, USA, (IEEE cat n 93CH3309-2) 801p. Publication Year: 1993.

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		Dialog No.: 03810250 EI Monthly No.: EIP94021217636 Title: Efficient recognition of rotationally symmetric surfaces and straight homogeneous generalized cylinders Authors: Liu, Jane; Mundy, Joe; Forsyth, David; Zisserman, Andrew; Rothwell, Charlie Corporate Source: GE Cent for Research and Development, Schenectady, NY, USA Conference Title: Proceedings of the 1993 IEEE Computer Society Conference on Computer Vision and Pattern Recognition Conference Location Proc 1993 IEEE Comput Soc Conf Comput Vision Pattern Recognit 1993. Publ by IEEE, IEEE Service Center, Piscataway, NJ, USA, (IEEE cat n 93CH3309-2). pp. 123-128 Publication Year: 1993.
		Dialog No.: 03810264 EI Monthly No.: EIP94021217650 Title: On the recognition of occluded shapes and generic faces using multiple-template expansion matching Author: Ben-Arie, Jezekjel; Rao, K. Raghunath Corporate Source: Illinois Inst of Technology, Chicago, IL, USA Conference Title: Proceedings of the 1993 IEEE Computer Society Conference on Computer Vision and Pattern Recognition Conference Location: New York, NY, USA Conference Sponsor: IEEE Source: IEEE Computer Vision and Pattern Recognition Proc 1993 IEEE Comput Soc Conf Vision Pattern Recognit 1993. Publ by IEEE, IEEE Service Center, Piscataway, NJ, USA, (IEEE cat n 93CH3309-2). pp. 214-219 Publication Year: 1993.
		DIALOG No.: 03810278 EI Monthly No.: EIP94021217664, Title: From global to local, a continuum of shape models with fractal priors, Author: Vemuri, B.C.; Radisavljevic, A., Corporate Source: Univ of Florida, Gainesville, FL, USA, Conference Title: Proceedings of the 1993 IEEE Computer Society Conference on Computer Vision and Pattern Recognition, Conference Location: New York, NY, USA, Conference Sponsor: IEEE, Source; IEEE Computer Vision and Pattern Recognition Proc 1993 IEEE Comput Soc Conf Comput Vision Pattern Recognit 1993. Publ by IEEE, IEEE Service Center, Piscataway, NJ, USA, (IEEE cat n 93CH3309-2), pp. 307-313 Publication Year: 1993.

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		Dialog No.: 03810291 EI Monthly No.: EIP94021217677 Title: Robust affine invariant matching with application to line features Author: Tsai, Frank C.D. Corporate Source: New York Univ, New York, NY, USA Conference Title: Proceedings of the 1993 IEEE Computer Society Conference on Computer Vision and Pattern Recognition Conference Location: New York, NY, USA Conference Sponsor: IEEE Source: IEEE Computer Vision and Recognition Proc 1993 IEEE COMput Soc Conf Comput Vision Pattern Recognit 1993. Publ by IEEE, IEEE Service Center, Piscataway, NJ, USA, (IEEE cat n 93CH3309-2). pp. 393-399 Publication Year: 1993.
		Dialog No.: 03810367 EI Monthly No.: EIP94021217753 Title: Model-based invariants for 3D vision Author: Weinshall, D. Corporate Source: Hebrew Univ of Jerusalem, Jerusalem, Isr Conference Title: Proceedings of the 1993 IEEE Computer Society Conference on Computer Vision and Pattern Recognition Conference Location: New York, NY, USA Conference Sponsor: IEEE Source: IEEE Computer Vision and Pattern Recognition Proc 1993 IEEE Comput Soc Conf Comput Vision Pattern Recognit 1993. Publ by IEEE, IEEE Service Center, Piscataway, NJ, USA,(IEEE cat n 93CH3309-2). pp. 695-696 Publication Year: 1993.
		Dialog No.: 03810848 EI Monthly No.: EIP94021207991 Title: retrieval of forest spatial pattern from SAR images Author: Ranson, K. Jon; Sun, Guoqing Corporate Source: Goddard Space Flight Center, Greenbelt, MD, USA Conference Title: Proceedings of the 13th Annual International Geoscience and Remote Sensing Symposium Conference Location: Tokyo, Jpn Conference Sponsor: IEEE: The Institute of Electronics, Information, and Communication Engineers of Japan; Union Radio Scientifique Internationale Source: International Geoscience and Remote Sensing Symposium (IGARSS) v 3 1993. Publ by IEEE, IEEE Service Center, Piscataway, NJ, USA,(IEEE cat n 93CH3294-6). pp. 1213-1215 Publication Year: 1993.

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		Dialog No.: 03812580 EI Monthly No.: EIP94031234279 Title: Part I: modeling image curves using invariant 3-D object curve models-a path to 3-D recognition and shape estimation from image contours Author: Cohen, Fernand S.; Wang, Jin-Yinu Corporate Source: Drexel Univ, Philadelphia, PA, USA Source: IEEE Transactions on Pattern Analysis and Machine Intelligence v 16 n 1 Jan 1994. pp. 1-12 Publication Year: 1994.
		Dialog No.: 03817787 EI Monthly No.: EIP94031234613 Title: Lalpacian and orthogonal wavelet pyramid decompositions in coarse-to-fine registration Author: Allen, Ronald L.; Kamangar, Farhad, A.; Stokely, Ernest M. Corporate Source: Univ of Texas at Arlington, TX, USA Source: IEEE Transactions on Signal Processing v41 n 12 Dec. 1993. pp. 3536-3541 Publication Year: 1993.
		Dialog No.: 03819787 EI Monthly No. EIP93121145108 Title: Object tracking through adaptive correlation Author: Montera, Dennis A.; Rogers, Steven, K.; Ruck, Dennis W.; Oxley, Mark E. Corporate Source: Air Force Inst. of Technology, Wright-Patterson AFB, OH, USA Conference Title: Optical Pattern Recognition IV Conference Location: Orlando, FL, USA Conference Sponsor: SPIE--Int Soc for Opt Engineering, Bellingham, WA USA Source: Proceedings Of SPIE--The International Society for Optical Engineering v 1959 1993. Publ by Society of Photo-Optical Instrumentation Engineers, Bellingham, WA, USA. pp. 314-321. Publication Year: 1993.
		Dialog No.: 03826583 EI Monthly No.: EIP94031243260 Title: Planar three-line junction perspective problem with application to the recognition of polygonal patterns Author: Caglioti, Vincezo Corporate Source: Politecnico di Milano, Milano, Italy Source: Pattern Recognition v 26 n 11 Nov. 1993. pp. 1603-1618 Publication Year: 1993.

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		Dialog No.: 03829823 EI Monthly No.: EIP94041253516 Title: Analysis of radial core experiments for hydrochloric acid interaction with limestones Author: Frick, T.P.; Mostofizadeh, Rebdokht; Economides, M.J. Corporate Source: Mining Univ Leoben, Leoben, Austria Conference Title: Proceedings of the International Symposium on Formation Damage Control Conference Location: Lafayette, LA, USA Source: Proceedings--SPE International Symposium on Formation Damage control 1994, Pub by Society of Petroleum Engineers (SPE), Richardson, TX, USA. p. 577. 592 Publication Year: 1994.
		Dialog No.: 03839591 EI Monthly No.: EIP94041264411 Title: Fractal characteristics of mesofractures in compressed rock specimens Author: Zhao, Yonghong; Huang, Jiefan; Wang, Ren Corporate Source: Peking Univ, Beijing, China Conference Title: Proceedings of the 34th U.S. Symposium on Rock Mechanics Conference Location: Madison, WI, USA Source: International Journal of Rock Mechanics and Mining Science & Mechanics Geomechanics Abstracts v 30 n Dec. 7. 1993. pp. 877-882 Publication Year: 1993.
		Dialog No.: 03847362 EI Monthly No.: EIP94041265976 Title: Systemized serendipity for producing computer art Author: Walter, David Corporate Source: Imperial Coll of Science, Technology and Medicine, London, UK Source: Computers & Graphics (Pergamon) v 17 n 6 Nov.-Dec. 1993. pp. 699-700 Publication Year: 1993.
		Dialog No.: 03854639 EI Monthly No.: EIP94051281744 Title: Competitive neural network for affine invariant pattern recognition Author: Kurogi, Shuichi Corporate Source: Kyushu Inst of Technology, Kitakyushu, Jpn Conference Title: Proceedings of 1993 International Joint Conference on Neural Networks. Part 1 (of 3) Conference Location: Nagoya, Jpn Conference Sponsor: ENNS; INNS; IEEE; SCIE; IEICE; et al Source: Proceedings of the International Joint Conference on Neural Networks v 1993. Publ by IEEE, IEEE Service Center, Piscataway, NJ, USA 93CH3353-0. pp. 181-184. Publication Year: 1993.

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		Dialog No.: 03854641 EI Monthly No.: EIP94051281746 Title: Segmentation method of texture image by using neural network Author: Oe, Shunichiro; Hashida, Masaharu; Shinohara, Yasunori Corporate Source: Univ of Tokushima, Tokushima, Jpn Conference Title: Proceedings of 1993 International Joint Conference on Neural Networks. Part 1 (of 3) Conference Location: Nagoya, Jpn Conference Sponsor: ENNS; INNS; IEEE; SICE; IEICE; et al Source: Proceedings of the International Joint Conference on Neural Networks v 1 1993. Publ by IEEE, IEEE Service Center, Piscataway, NJ, USA, 93CH3353-0. pp. 189-192 Publication Year: 1993.
		Dialog No.: 03854872 EI Monthly No.: EIP94051281977 Title: Network model for invariant object recognition and rotation angle estimation Author: You, Shingchern, D.; Ford, Gary E. Corporate Source: Univ of California, Davis, CA, USA Conference Title: Proceedings of 1993 International Joint Conference on Neural Networks. Part 3 (of 3) Conference Location: Nagoya, Jpn Conference Sponsor: ENNS; INNS; IEEE; SICE; IEICE; et al Source: Proceedings of the International Joint Conference on Neural Networks v 3 1993. Publ by IEEE, IEEE Service Center, Piscataway, NJ, USA, 93CH3353-0. pp. 2145-2148 Publication Year: 1993.
		DIALOG No.: 03854884 EI Monthly No.: EIP94051281989, Title: Texture classification using a two-stage neural network approach, Author: Raghu, P.P.; Poongodi, R.; Yegnanarayana, B., Corporate Source: Indian Inst of Technology, Madras, India, Conference Title: Proceedings of 1993 International Joint Conference on Neural Networks. Part 3 (of 3), Conference Location: Nagoya, Jpn, Conference Sponsor: ENNS, INNS; IEEE; SICE; IEICE; et al, Source: Proceedings of the International Joint Conference on Neural Networks v 3 1993. Publ by IEEE, IEEE Service Center, Piscataway, NJ, USA, 93CH3353-0. pp. 2195-2198, Publication Year: 1993.

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		Dialog No.: 03855870 EI Monthly No.: EIP94051282331 Title: Correlation effects of fractal compression Author: Sirgany, Wajie N.; Mazel, David S. Corporate Source: IBM Federal Systems Co, Manassas, VA, USA Conference Title: Proceedings of the 27th Asilomar Conference on Signals, System & Computers Conference Location: Pacific Grove, CA, USA Conference Sponsor: IEEE Computer Society Press; Naval Postgraduate School; San Jose State university Source: Conference Record of the Asilomar Conference on Signals, Systems & Computers v 2 1993. Publ by IEEE, Computer Society Press, Los Alamitos, CA, USA. pp. 1524-1528 Publication Year: 1993.
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		Dialog No: 03750577 EI Monthly No: EIP93111131815 Title: Fractal precision models of lathe-type turning machines Author: Tumer, Irem Y.; Srinivasan, R.S.; Wood, Kristin L.; Busch-Vishniac, Ilene Corporate Source: Univ of Texas, Austin, TX, USA Conference Title: Proceedings of the 19th Annual ASME Design Automation Conference, part 2 (of 2) Conference Location: Albuquerque, NM, USA Conference Sponsor: ASME, The Design Engineering Division Source: Advances in Design Automation American Society of Mechanical Engineers, Design Engineering Division (Publication) DE v 65 pt 2 1993. Publ by ASME, New York, NY, USA. p. 501-513 Publication Year: 1993.

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		Dialog No: 03751707 EI Monthly No: EIP93111134256 Title: Computer art representing the behavior of the Newton-Raphson method Author: Walter, David John Corporate Source: Nanyang Technological Univ, Singapore Source: Computers & Graphics (Pergamon) v 17 n 4 Jul.-Aug. 1993. p. 487-488 Publication Year: 1993.
		Dialog No: 03755356 EI Monthly No: EIP3121139068 Title: Realistic phase distributions derived from the Wigner function Author: Bandilla, A.; Ritze, H.H. Corporate Source: Univ Berlin, Berlin, Ger Source: Journal of the European Optical Society Part B: Quantum Optics v 5 n 4 Aug. 1993. p. 213-222 Publication Year: 1993.
		Dialog No: 03758542 EI Monthly No: EIP93121144140 Title: Implications of the user's information processing strategy on the design of decision aids for complex systems Author: Matthews, Michael L.; McFadden, Sharon M. Corporate Source: Univ of Guelph. Guelph. Ont. Can Conference Title: Proceedings of the 37th Annual Meeting the Human Factors and Ergonomics Society Conference Location: Seattle, WA, USA Source: Designing for Diversity Proceedings of the Human Factors and Ergonomics Society v 1 1993. Publ by Human Factors and Ergonomics Society, Inc., Santa Monica, CA, USA. p. 358-362 Publication Year: 1993.
		Dialog No: 03759087 EI Monthly No: EIP93111136171 Title: Chaos and fractal algorithms applied to signal processing and analysis Author: Handley, J.W.; Jaerusch, H.M.; Bjork, C.A.; Richardson, L.T.; Carruth, R.T. Corporate Source: Univ of Alabama in Huntsville, Huntsville, AL, USA Source: Simulation v 60 n 4 Apr. 1993. p. 261-279 Publication Year: 1993.
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		Dialog No: 03765361 EI Monthly No: EIP93071030657 Title: Investigating facial verification systems using backpropagation neural networks Author: Payne, Tanya L.; Solheim, Inger; Castain, Ralph Corporate Source: Los Alamos Natl Lab, Los Alamos, NM, USA Conference Title: Proceedings of the 3rd Workshop on Neural Networks: Academic/Industrial/NASA/Defense Conference Location: Alabama, AL, USA Conference Sponsor: Auburn University Space Power Institute: Center for Commercial Development of Space Power and Advanced Electronics; NASA Headquarters Source: Proceedings of SPIE--The International Society for Optical Engineering v 1721 1993. Publ by Society of Photo-Optical Instrumentation Engineers. Bellingham, WA, USA. p. 340-344 Publication Year: 1993.
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		Dialog No: 03768138 EI Monthly No: EIP93121154399 Title: 2 plus 3 model: fractal processes for knowledge-based engineering design Author: Chen, Q. Corporate Source: Dalian Univ of Technology, Dalian, China Source: Cybernetics and Systems v 24 n 5 Sep.-Oct. 1993. p. 419-440 Publication Year: 1993.
		Dialog No: 03769393 EI Monthly No: EIP93121154226 Title: Outdoor landmark recognition using fractal based vision and neural networks Author: Luo, Ren C.; Podapalli, Harsh; Hislop, David W. Corporate Source: North Carolina State Univ, Raleigh, NC, USA Conference Title: Proceedings of the IEEE/RSI International Conference on Intelligent Robots and Systems Conference Location: Yokohama, Jpn Conference Sponsor: IEEE Industrial Electronics Society; IEEE Robotics and Automation Society; Robotics Society of Japan (RSJ); Society of Instrument and Control Engineers (SICE); New Technology Foundation Source: 1993 International Conference on Intelligent Robots and Systems 1993. Publ by IEEE, IEEE Service Center, Piscataway, NJ, USA,(IEEE cat n 93CH3213-6). p. 612-618 Publication Year: 1993.
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		Dialog No: 03770270 EI Monthly No: EIP93121161716 Title: Recognition and inspection of manufactured parts using line moments of their boundaries Author: Wen, Wei; Lozzi, Andrei Corporate Source: Univ of Sydney, Sydney, Aust Source: Pattern Recognition v 26 n 10 Oct 1993. p. 1461-1471 Publication Year: 1993.
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		Dialog No: 03773364 EI Monthly No: EIP94011166693 Title: High confidence visual recognition of persons by a test of statistical independence Author: Daugman, John G. Corporate Source: Cambridge Univ, Cambridge, Engl Source: IEEE Transactions on Pattern Analysis and Machine Intelligence v 15 n 11 Nov 1993. p. 1148-1161 Publication Year: 1993.
		Dialog No: 03780009 EI Monthly No: EIP93121138971 Title: Metal/coating/electrolyte interfacial impedance and its global fractal model Author: Hubrecht, J.; Embrechts, M.; Bogserts, W. Corporate Source: Katholieke Univ Leuven, Heverlee, Belg Conference Title: Proceedings of the Second International Symposium on Electrochemical Impedance Spectroscopy Conference Location: Berling, Ger Source: Electrochimica Acta v 38 n 14 Oct. 1993. p. 1867-1875 Publication Year: 1993.
		Dialog No: 03780159 EI Monthly No: EIP94011171743 Title: Sens-perceptor: Image based evidence formation module as a logical sensor for robot hand preshaping Author: Nazlibilek, S.; Erkmen, A.; Erkmen, I. Corporate Source: Middle East Technical Univ, Ankara, Turk Conference Title: Proceedings of the 1993 IEEE International Symposium on Intelligent Control Conference Location: Chicago, IL, USA Conference Sponsor: IEEE Control Systems Society Source: Proc 1993 IEEE Int Symp Intell Control 1993. Publ by IEEE, IEEE Service Center, Piscataway, NJ, USA,(IEEE cat n 93CH3278-9), p. 326-331 Publication Year: 1993.

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		Dialog No: 03782823 EI Monthly No: EIP94011185543 Title: Fractal analysis of fracture patterns using the standard box-counting technique: valid and invalid methodologies Author: Walsh, J.J.; Watterson, J. Corporate Source: Univ of Liverpool, Liverpool, Engl Source: Journal of Structural Geology v 15 n 12 Dec. 1993. p. 1509-1512 Publication Year: 1993.
		Dialog No: 03795505 EI Monthly No: EIP94021200624 Title: Fractal image coding: a review Author: Jacquin, Arnaud E. Corporate Source: AT&T Bell Lab, Murray Hill, NJ, USA Source: Proceedings of the IEEE v 81 n 10 Oct. 1993. p. 1451-1465 Publication Year: 1993.
		Dialog No: 03803851 EI Monthly No: EIP94021215641 Title: Fractal modeling techniques for spatial data Author: Gregorski, Mark E.; Jensen, Olivia Corporate Source: Univ of Waterloo, Waterloo, Ont, Can Source: IEEE Transactions on Geoscience and Remote Sensing v 31 n 5 Sep 1993. p. 980-988 Publication Year: 1993.
		Dialog No: 03807554 EI Monthly No: EIP94021216087 Title: VLSI architecture for polygon recognition Author: Sastry, Baghu; Ganganathan, N.; Bunka, Horst Corporate Source: Univ of South Florida, Tampa, FL, USA Source: IEEE Transactions on Very Large Scale Integration (VLSI) Systems v 1 n 4 Dec. 1993. p. 398-407 Publication Year: 1993.

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		Dialog No: 03810232 EI Monthly No: EIP94021217618 Title: IEEE Computer Vision and Pattern Recognition Author: Anon (Ed.) Conference Title: Proceedings of the 1993 IEEE Computer Society Conference on Computer Vision and Pattern Recognition Conference Location: New York, NY, USA Conference Sponsor: IEEE Source: IEEE Computer Vision and Pattern Recognition Proc 1993 IEEE Comput Soc Conf Comput Vision Pattern Recognit 1993. Publ by IEEE, IEEE Service Center, Piscataway, NJ, USA,(IEEE cat n 93CH3309-2). 801p Publication Year: 1993.
		Dialog No: 03810250 EI Monthly No: EIP94021217636 Title: Efficient recognition of rotationally symmetric surfaces and straight homogeneous generalized cylinders Author: Liu, Jane; Mundy, Joe; Forsyth, David; Zisserman, Andrew; Rothwell, Charlie Corporate Source: GE Cent for Research and Development, Schenectady, NY, USA Conference Title: Proceedings of the 1993 IEEE Computer Society Conference on Computer Vision and Pattern Recognition Conference Location: New York, NY, USA Conference Sponsor: IEEE Source: IEEE Computer Vision and Pattern Recognition Proc 1993 IEEE Comput Soc Conf Comput Vision Pattern Recognit 1993. Publ by IEEE, IEEE Service Center, Piscataway, NJ, USA,(IEEE cat n 93CH3309-2). p. 123-128 Publication Year: 1993.
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		Dialog No: 03810848 EI Monthly No: EIP94021207991 Title: Retrieval of forest spatial pattern from SAR images Author: Ranson, K. Jon: Sun, Guoqing Corporate Source: Goddard Space Flight Center, Greenbelt, MD, USA Conference Title: Proceedings of the 13th Annual International Geoscience and Remote Sensing Symposium Conference Location: Tokyo, Jpn Conference Sponsor: IEEE; The Institute of Electronics, Information, and Communication Engineers of Japan; Union Radio Scientifique Internationale Source: International Geoscience and Remote Sensing Symposium (IGARSS) v 3 1993. Publ by IEEE, IEEE Service Center, Piscataway, NJ, USA,(IEEE cat n 93CH3294-6). p. 1213-1215 Publication Year: 1993.
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		Dialog No: 03819787 EI Monthly No: EIP93121145108 Title: Object tracking through adaptive correlation Author: Montera, Dennis A.; Rogers, Steven K.; Rock, Dennis W.; Oxley, Mark E. Corporate Source: Air Force Inst. of Technology, Wright-Patterson AFB, OH, USA Conference Title: Optical Pattern Recognition IV Conference Location: Orlando, FL, USA Conference Sponsor: SPIE--Int Soc for Opt Engineering, Bellingham, WA USA Source: Proceedings of SPIE--The International Society for Optical Engineering v 1959 1993. Publ by Society of Photo-Optical Instrumentation Engineers, Bellingham, WA, USA. p. 314-321 Publication Year: 1993.
		Dialog No: 03826583 EI Monthly No: EIP94031243260 Title: Planar three-line junction perspective problem with application to the recognition of polygonal patterns Author: Caglioti, Vincezo Corporate Source: Politecnico di Milano, Milano, Italy Source: Pattern Recognition v 26 n 11 Nov. 1993. p. 1603-1618 Publication Year: 1993.

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		Inspec 4502313 B9311-6140C-330 C9311-1250-245 Doc Type: Journal Paper Title: Fractal-based image sequence compression science Authors: Haibo Li, Novak, M.; Forchheimer, R. Affiliation: Dept. of Electr. Eng., Linkoping Univ., Sweden Journal: Optical Engineering vol. 32 Iss: 7 pp. 1588-1595, Date: Jul. 1993.
		Inspec 4504545 B9312-6140C-001 C9312-1250-001 Doc Type: Conference Paper in Journal Title: Fast algorithm to select maps in an iterated function system fractal model Authors: Vines, G.; Hayes, M.H., III Affiliation: Sch. of Electr. Eng., Georgia Inst. of Technol., Atlanta, GA, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 1818 Iss: pt.3 pp. 944-949 Date: 1992.

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		Filing Date February 2, 2000	Group Art Unit 2421

Other Documents (include Author, Title, Date, and Place of Publication)		
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		Inspec 4504546 B9312-6140C-002 C9312-1250-002 Doc Type: Conference Paper in Journal Title: Image classification and segmentation using multichannel fractal modelling Authors: Kaloyeras, D.K.; Kollias, S.D. Affiliation: Dept. of Electr. & Comp. Eng., Nat. Tech. Univ. of Athens, Greece Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 1818 Iss: pt. 3 pp. 950-957 Date: 1992.
		Inspec 4508271 B9312-6140C-058 C9312-1250-052 Doc Type: Journal Paper Title: Object recognition using alegbraic and differential invariants Authors: Reiss, T.H. Affiliation: Commun. Signal Processing Lab., Cambridge Univ., UK Journal: Signal Processing vol. 32 Iss: 3 pp. 367-395 Date: Jun. 1993.
		Inspec 4508845 B9312-6140C-073 C9312-1250-057 Doc Type: Conference Paper Title: Directed spreading activation in multiple layers for low-level feature extraction Authors: Arul Valan. A.; Yegnanarayana, B. Affiliation: Dept. of Comput. Sci. & Eng., Indian Inst. of Technol., Madras, Indian Inst. of Technol., Madras, India Conf. Title: Communications on the Move. Singapore. ICCS/ISITA '92 (Cat. No.92TH0179-6) pp. 563-567 vol. 2 Editors: Ng. C.S.; Yeo, T.S.; Yeo, S.P. Publisher: IEEE New York, NY, USA Date: 1990 3 vol. (xxvii+1422 pp.).
		Inspec 4509986 B9312-6140C-105 C9312-1250-076 Doc Type: Journal Paper Title: The geometric transformation of the discrete images Authors: Margant, L. Affiliation: Polytech. Inst. of Bucharest, Romania Journal: IPB Bulehn Scientific, polytechnic Institute of Bucharest Scientific, Bulletin, Electrical Engineering vol. 53 Iss: 1-2 pp. 117-127 Date: 1991.
		Inspec 4518350 B9312-6140C-201 C9312-1250-138 Doc Type: Conference Paper Title: Natural scene segmentation using fractal based autocorrelation Authors: Luo, R.C.; Podapalli, H.; Hislop, D.W. Affiliation: Dept. of Electr. & Comput. Eng., North Carolina State Univ., Raleigh, NC, USA Conf. Title: Proceedings of the 1992 International Conference on Industrial Electronics, Control, Instrumentation, and Automation. Power Electronics and Motion Control (Cat. No.92CH3137-7) p. 700-5 vol. 2 Publisher: IEEE New York, NY, USA Date: 1992 3 vol. 1649 pp.

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		Inspec 4519462 A9324-9575-007 C9312-1250-166 Doc Type: Journal Paper Title: Neural network and wavelet transform for scale-invariant data classification Authors; Szu, H.H.; Yang, X.-Y.; Telfer, B.A.; Sheng, Y. Affiliation: Naval Surface Warfare Center, Dahlgren Division Code R44, Silver Spring, MD, USA Journal: Physical Review E (Statistical Physics, Plasmas, Fluids, and Related Interdisciplinary Topics) vol. 48 Iss: 2 pp. 1497-1501 Date: Aug. 1991.
		Inspec 4527508 B9401-6140C-022 C9401-1250-016 Doc Type: Journal Paper Title: Extraction of symmetry properties using correlation with rotated and reflected images Authors: Masuda, T.; Yamamoto, K.; Yamada, H. Affiliation: Electrotech. Lab., Tsukuba, Japan Journal: Electronics and Communications in Japan, Part 3 (Fundamental Electronic Science) vol: 76 Iss: 1 p. 8-19 Date: Jan. 1993.
		Inspec 4528335 B9401-6140C-036 C9401-5260B-013 Doc Type: Journal Paper Title: Recognition and Inspection of manufactured parts using line moments of their boundaries Authors: Wei Wen; Lozzi, A. Affiliation: Dept. of Mech. Eng., Sydney Univ., NSW, Australian Journal: Pattern Recognition vol. 26 Iss: 10 pp. 1461-1471 Date: Oct. 1993.
		Inspec 4529410 B9401-0100-005 C9401-1260-018 Doc Type: Conference Paper Conf. Title: DCC '93. Data Compression Conference (Cat. No.93TH0536-3) Editors: Storer, J.A.; Cohn, M. Publisher: IEEE Comput. Soc. Press Los Alamitos, CA, USA Date: 1993 xiii+505 pp.
		Inspec 4529435 B9401-6140C-063 C9401-1250-042 Doc Type: Conference Paper Title: Efficient compression of wavelet coefficients for smooth and fractal like data Authors: Culik, K., H; Dube, S.; Rajcani, P. Affiliation: Dept. of Comput. Sci., South Carolina Univ., Columbia, SC, USA Conf. Title: DCC '93. Data Compression Conference (Cat. No.93TH0536-3) pp. 234-243 Editors: Storer, J.A.; Cohn, M. Publisher: IEEE Comput. Soc. Press Los Alamitos, CA, USA Date: 1993 xiii+505 pp.

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		Inspec 4529436 B9401-6140C-064 C9401-5260B-035 Doc Type: Conference Paper Title: Fractal based image compression with affine transformations Authors: Raittinen, H.; Kaski, K. Affiliation: Dept. of Electr. Eng., Tampere Univ. of Technol., Finland Conf. Title: DCC '93. Data Compression Conference (Cat. No. 93TH0536-3) pp. 244-253 Editors: Storer, J.A.; Cohn, M. Publisher: IEEE Comput. Soc. Press Los Alamitos, CA, USA Date: 1993 xiii+505 pp.
		Inspec 4529437 B9401-6140C-065 C9401-1250-043 Doc Type: Conference Paper Title: Generalized fractal transforms; complexity issues Authors: Monroe, D.M. Affiliation: Sch. of Electron. & Electr. Eng., Bath Univ., UK Conf. Title: DCC '93, Data Compression Conference (Cat. No. 93TH10536-3) pp. 254-261 Editors: Storer, J.A.; Cohn, M. Publisher: IEEE Comput. Soc. Press Los Alamitos, CA, USA Date: 1993 xiii+505 pp.
		Inspec 4532589 B9401-6140C-091 C9401-1250-060 Doc Type: Journal Paper Title: Fractal image compression Authors: Goojun Lu Affiliation: Dept. of Syst. & Comput. Sci., Nat. Univ. of Singapore, Singapore Journal: Signal Processing: Image Communication vol. 5 Iss: 4 pp. 327-343 Date: Oct. 1993.
		Inspec 4535866 B9401-6140C-121 C9401-1250-084 Doc Type: Conference Paper in Journal Title: Fractal equations and their solutions Authors: Liu, Y. Affiliation: Dept. of Math. & Comput. Sci., Savannah State Coll., GA, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 1904 pp. 52-68 Date: 1993.
		Inspec 4544295 C9401-5260B-140 Doc Type: Journal Paper Title: Trackability as a cue for potential obstacle identification and 3-D description Authors: Sawhney, H.S.; Hanson, A.R. Affiliation: Dept. of Comput. Sci., Massachusetts Univ., Amherst, MA, USA Journal: International Journal of Computer Vision vol. II Iss: 3 pp. 237-265 Date: Dec. 1993.

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		Inspec 4547438 C9401-5260B-162 Doc Type: Conference Paper Title: A hierarchy of invariant representations of 3D shape Authors: Weinshall, D. Affiliation: Inst. of Comput. Sci., Hebrew univ. of Jerusalem, Israel Conf. Title: Proceedings of IEEE Workshop Qualitative Vision (Cat. No. 93TH0521-5) pp. 97-106 Publisher: IEEE Comput. Soc. Press Los Alamitos, CA, USA Date: 1993, evi+151 pp.
		Inspec 4547439 C9401-5260B-163 Doc Type: Conference Paper Title: A geometric invariant for visual recognition and 3D reconstruction from two perspective/orthographic views Authors: Shashua, A. Affiliation: Dept. of Brain & Cognitive Sci., MIT, Cambridge, MA, USA Conf. Title: Proceedings of IEEE Workshop on Qualitative Vision (Cat. No. 93TH0521-5) pp. 107-117 Publisher: IEEE Comput. Soc. Press Los Alamitos, CA, USA Date: 1993 vi+151 pp.
		Inspec 4548815 B9401-6140C-277 C9401-1250-198 Doc Type: Conference Paper in Journal Title: Image-data-based matching for affine transformed pictures Authors: Nomura, Y.; Harada, Y.; Fujii, S. Affiliation: Dept. of Inf. Eng., Nagoya Univ., Japan Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 1827 pp. 97-104 Date: 1993.
		Inspec 4549004 B9401-6140C-300 C9401-1250-215 Doc Type: Journal Paper Title: Modeling of deterministic chaotic noise to improve target recognition Authors: McAulay, P.D.; Saruhan, K. Affiliation: Dept. of Electr. Eng. & Comput. Sci., Lehigh Univ., Bethlehem, PA, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 1955 pp. 210-217 Date: 1993.
		Inspec 4549014 B9401-6140C-307 C9401-1250-222 Doc Type: Journal Paper Title: Determining the fractal dimension of scenes and digital signals using Roseta and other novel approaches Authors: Jaznisch, H.M.; Barton, P.E.; Carruth, R.T. Affiliation: Nichols Res. Corp., Huntsville, AL, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 1995 pp. 298-315 Date: 1993.

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Examiner Initial	Desig. ID	Document
		Inspec 4550663 B9401-6140C-331 C9401-1250-237 Doc Type: Journal Paper Title: A 3-D vision system model for automatic object surface sensing Authors: Theodoracatos, V.E.; Calkins, D.E. Affiliation: Sch. of Aerosp. & Mech. Eng., Oklahoma Univ., Norman, OK, USA Journal: International Journal of Computer Vision vol. II Iss: 1 pp. 75-99 Date; Aug. 1993.
		Inspec 4555192 B9402-6140C-006 C9401-1250-003 Doc Type: Journal Paper Title: Contractivity of fractal transforms for image coding Authors: Hungen, B. Affiliation: Inst. of Commun. Eng., Azchen Univ. of Technol., Germany Journal: Electronics Letters vol. 29 Iss: 20 pp. 1749-1750 Date: Sep. 30, 1993.
		Inspec 4561907 B9402-6140C-053 C9402-1250-037 Doc Type: Journal Paper Title: Improved fractal geometry based texture segmentation technique Authors: Chaudhuri, B.D.; Satkar, N.; Kundu, P. Affiliation: Electron. & Commun. Sci. Unit. Indian Stat. Inst., Calcutta, India Journal: IEE Proceedings E [Computers and Digital Techniques] vol. 140 ISS: 5 pp. 233-241 Date: Sep. 1993.
		Inspec 4567756 B9402 6140C-035 C9402-1250-060 Doc Type: Journal Paper Title: Moment-based edge detection in anisotropic image data Authors; Xie Xiaoua, Luo Limin; Wei Yu Affiliation: Dept. of Biol. & Med. Eng., Southeast Univ., Nanjing, China Journal: Acta Electronica Sinica vol. 21 Iss: 10 pp. 14-21 Date: Oct. 1993.
		Inspec 4571131 C9402-5260B-064 Doc Type: Journal Paper Title: A framework for spatiotemporal control in the tracking of visual contours Authors: Blake, A.; Curwen, R.; Zisserman, A. Affiliation: Dept. of Eng. Sci., Oxford Univ., UK Journal: International Journal of Computer Vision vol. II Iss: 2 pp. 127-145 Date: Oct. 1993.
		INSPEC 4572079 B9402-6140C-117 C9402-1250-083, Doc Type: Journal Paper, Title: Image data matching for affine transformed pictures--reduction of calculation, Authors: Ujifuku, S.; Nomura, Y.; Fujii, S., Affiliation: Fac. of Eng., Nagoya Univ., Japan, Journal: Transactions of the Institute of Electronics, Information and Communication Engineers D-II, vol.: J76D-II Iss: 8 pp. 1581-1586, Date: Aug. 1993.

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		Inspec 4575223 B9402-6140C-175 C9402-5260B-097 Doc Type: Conference Paper Title: An interleaved scanline algorithm for 2-D affine transformations of images Authors: Kannappan, K. Affiliation: LSI Logic, Milpitas, CA, USA Conf. Title: Proceedings of the 35th Midwest Symposium on Circuits and Systems (Cat. No.92CH3099-9) pp. 179-182 vol.1 Publisher: IEEE New York, NY, USA Date: 1992 2 vol. xxviii+1584 pp.
		Inspec 4575628 B9402-6140C-214 C9402-1250-172 Doc Type: Conference Paper Title: Fractal dimension image for texture segmentation Authors: Zhi-Yan Xie; Brady, M. Affiliation: Dept. of Eng. Sci., Oxford Univ., UK Conf. Title: ICARCV '92, Second International Conference on Automation, Robotics and Computer Vision p. CV-4.3/1-5 vol.1 Publisher: Nanyang Technol. Univ Singapore Date: 1992 3 vol. (viii+934+viii+861+vii+908 pp.).
		INSPEC 4575679 B9402-6140C-251 C9402-1250-198, Doc Type: Conference Paper, Title: A multiresolution region-growing technique for image motion estimation, Authors: Wooi Boon Goh; Marin, G.R., Affiliation: Sch. of Appl. Sci., Nanyang Technol. Univ., Singapore, Conf. Title: ICARCV '92, Second International Conference on Automation, Robotics and Computer Vision, p. CV-11.5/1-5 vol. 1, Publisher: Nanyang Technol. Univ Singapore, Date: 1992 3 vol. (viii+934+viii+861+vii+908 pp.).
		Inspec 4575763 C9402-1230D-093 Doc Type: Conference Paper Title: Fractal-like self-organizing associative memory for spatio-temporal patterns Authors: Nishina, T.; Hagiwarz, M.; Nakagawa, M. Affiliation: Dept. of Electr. Eng., Keio Univ., Yokohama, Japan Conf. Title: ICARCV '92. Second International Conference on Automation, Robotics and Computer Vision p. INV-7.1/106 vol.1 Publisher: Nanyang Technol. Univ Singapore Date: 1992 3 vol. (viii+934+viii+861+vii+908 pp.).

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		Inspec 4575769 B9402-6140C-251 C9402-1250-198 Doc Type: Conference Paper Title: A multiresolution region-growing technique for image motion estimation Authors: Wooi Boon Goh; Martin, G.R. Affiliation: Sch. of Appl. Sci., Nanyang Technol. univ., Singapore Conf. Title: Icarcv '92. Second International Conference on Automation, Robotics and Computer Vision p. CV-11.5/1-5 vol.1 Publisher: Nanyang Technol. Univ Singapore Date: 1992 3 vol. (viii+934+viii+861+vii+908 pp.).
		Inspec 4579482 B9403-6140C-007 C9403-1250-003 Doc Type: Journal Paper Title: Moment-based edge detection in anisotropic image data Authors: Xie Xiaohus; Luo Limin; Wel Yu Affiliation: Dept. of Biol. & Med. Eng., Southeast Univ., Nanjing, China Journal: Chinese Journal of Electronics vol.: 2 Iss: 2 pp. 12-18 Date: Jul. 1993.
		Inspec 4579882 B9403-6140C-011 C9403-5260B-007 Doc Type: Conference Paper in Journal Title: Experiments in the use of fractal in computer pattern recognition Authors: Sadjadi, F. Affiliation: Mach. Intelligence Co., Los Angeles, CA, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 1960 pp. 214-222 Date: 1993.
		INSPEC 4579906 B9403-6140C-020 C9403-1250-013, Doc Type: Conference Paper in Journal, Title: Iconic system for object recognition and location determination, Authors: Popov, M.; Reznik, A.; Shkwar, A., Affiliation: Kiev High Aviation Eng. Sch., Ukraine, Journal: Proceedings of the SPIE--The International Society for Optical Engineering, vol.: 1960 pp. 466-474, Date: 1993.
		INSPEC 4580742 B9403-6140C-033 C9403-1250-022 Doc Type: Journal Paper Title: On the calculation of Fractal features from images Authors: Chen, S.S.; Keller, J.M.; Crownover, R. M. Affiliation: Allied Bendix/King Radio Corp., Olathe, KS, USA Journal: IEEE Transactions on Pattern Analysis and Machine Intelligence vol. 15 Iss: 10 p. 1087-90 Date: Oct. 1993.

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Examiner Initial	Desig. ID	Document
		INSPEC 458378 C9403-5260B-028 Doc Type: Conference Paper Title: Frame-to-frame image motion estimation with fuzzy logic system Authors: Lipp, J. I. Affiliation: Dept. of Electr. Eng., Michigan Technol. Univ. Houghton, MI, USA Conf. Title: Proceedings of the 35.sup.th Midwest Symposium on Circuits and Systems (Cat. No. 92 CH3099-9) p. 987-90-7 vol. 2 Publisher: IEEE New York, NY, USA Date 1992 2 vol. xxvii+ 1584 pp.
		INSPEC 4584412 B9403-6140C-070 C9403-1250-053 Title: Application of the EM technique to estimation of affine modeled image motion Authors: Shaltaf, S.; Namazi, N.M. Affiliation: Dept. of Electr. Eng., Michigan Technol. Univ. Houghton, MI, USA Conf. Title: Proceedings of the 35.sup.th Midwest Symposium on Circuits and Systems (Cat. No. 92CH3099-9) p. 1324-7 Publisher: IEEE New York, NY, USA Date 1992 2 vol. xxvii+ 1584 pp.
		Inspec 4584709 B9403-6140C-079 C9403-1250-063 Doc Type: Conference Paper Title: Classification of texture by an association between a self-organizing feature map Authors: Maillard, E.; Zeir, D.; Merckle, J. Affiliation: IRP, Mulhouse, France Conf. Title: Signal Processing VI--Theories and Applications, Proceedings of Eusipco 92, Sixth European Signal Processing Conference pp. 1173-1176 vol. 2 Editors: Vandewaile, J.; Doite, R.; Moonen, M.; Oosterlinck, A. Publishers: Elsevier Amsterdam, Netherlands Date: 1992 3 vol. ivii+1844 pp.
		INSPEC 4588458 B9403-6140C-121 C9403-1250-100 Doc Type: Journal Paper Title: Viewpoint independent representation and recognition of polygonal faces in 3-D Authors: Bunke, H.; Glauser, T. Affiliation: Bern Univ, Switzerland Journal: IEEE Transactions on Robotics and Automation vol. 9 Iss. 4 p.457-63. Date: Aug. 1993.
		Inspec 4589423 B9403-1295-008 C9403-5190-007 Doc Type: Journal Paper Title: Generalization ability of extended cascaded artificial neural network architecture Authors: Kamruzzaman, J.; Kumagal, Y.; Hikita, H. Affiliation: Dept. of Electr. & Electron. Eng., Bangladesh Univ. of Eng. & Technol., Dhaka, Bangladesh Journal: IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences vol. E76-A Iss: 10 pp. 1877-1883 Date: Oct. 1993.

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		Inspec 4591752 C9403-61605-018 Doc Type: Conference Paper in Journal Title: Self-aligning and compressed autoscopy video databases Authors: Holtz, K. Affiliation: Omni Dimensional Networks, San Francisco, CA, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol: 1908 p. 37-48 Date: 1993.
		Inspec 4592004 B9403-6140C-208 C9403-1250-163 Doc Type: Conference Paper in Journal Title: Optical Hart wavelet transform for image features extraction Authors: Guofan Jin; Yinbai Yan; Wenlu Wang; Zhiqing Wen; Minxian Wu Affiliation: Dept. of Precision Instrum, Tsinghua Univ., Beijing, China Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 2034 pp. 371-380 Date: 1993.
		Inspec 4592282 B9403-6140C-217 C9403-1250-172 Doc Type: Journal Paper Title: Introducing rotation invariance into the neocognitron model for target recognition Authors: Chihwen Li; Chwan-Hwa Wu Affiliation: Dept. of Electr. Eng., Auburn Univ., AL, USA Journal: Pattern Recognition Letters vol. 14 Iss: 12 pp. 985-995 Date: 1993.
		Inspec 4593814 B9403-6140C-224 C9403-1250-176 Doc Type: Journal Paper Title: Multi-modular neural network architectures: applications in optical character and human face recognition Authors: Soulic, F.F.; Viennet, E.; Lamy, B. Affiliation: Lab. de Recherche en Inf., Univ. de Paris-Sod, Orsay, France Journal: International Journal of Pattern Recognition and Artificial Intelligence vol. 7 Iss: 4 pp. 721-755 Date: Aug. 1993.
		Inspec 4593819 B9403-6140C-226 C9403-1250-178 Doc Type: Journal Paper Title: Invariant object recognition based on a neural network of cascaded RCE nets Authors: Li, W.; Nasrabadi, N.M. Affiliation: Dept. of Electr. & Comput. Eng., State Univ. of New York, Buffalo, NY, USA Journal: International Journal of Pattern Recognition and Artificial Intelligence vol. 7 Iss: 4 pp. 815-829 Date: Aug. 1993.

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		Inspec 4595560 B9403-7230C-035 C9403-3240F-002 Doc Type: Conference Paper Title: A CMOS silicon VI SI optical sensor Authors: Camp, W.O., Jr.; Van der Spegel, J. Affiliation: IBM Federal Syst. Co., Owego, NH, USA Conf. Title: 1992 IEEE International Conference on Systems, Man and Cybernetics (Cat. No.92CH3176-5) pp. 25-30 vol. 1 Publisher: IEEE New York, NY, USA Date: 1992 2 vol. xviii+1735 pp.
		Inspec 4595625 B9403-6140C-264 C9403-1250-198 Doc Type: Conference Paper Title: Vector contour representation for object recognition in neural networks Authors: Starzyk, J.A.; Chai, S. Affiliation: Dept. of Electr. & Comput. Eng., Ohio Univ., Athena, OH, USA. Conf. Title: 1992 IEEE International Conference on Systems, Man and Cybernetics (Cat. No.92CH3176-5) pp. 299-404 vol. 1 Publisher: IEEE New York, NY, USA Date: 1992 2 vol. xviii+1735 pp.
		Inspec 4595662 C9403-1250-200 Doc Type: Conference Paper Title: Comments on the evaluation of a certain pattern classification method as an intellectual information processing Authors: Munakata, T.; Okashita, K.; Nakahara, T. Affiliation: Dept. of Mech. Eng., Hiroshima-Denki Inst. of Technol., Hiroshima- city, Japan Conf. Title: 1992 IEEE International Conference on Systems, Man and Cybernetics (Cat. No. 92CH3176-5) pp. 611-616 vol. 1 Publisher: IEEE New York, NY, USA Date: 1992 2 vol. xviii+1735 pp.
		INSPEC 4596005 B9403-6140C-279 C9403-1250-213 Doc Type: Conference Paper Title: Reducing the complexity of a fractal-based image coder Authors: Oien. G.E.; Leposy, S.; Ramstad, T.A. Affiliation: Inst. for Teleteknikk, Norges Tekniska Hogskola Trondheim Norway Conf. Title: Signal Processing VI, Theories And Applications, Proceedings of EUSIPCO-92, Sixth European Signal Processing Conference p. 1353-6 vol. 3 Editors: Vandewalle J.; Bolte, R.; Moonen, M.; Oosterlinck, A. Publisher: Elsevier Amsterdam, Netherlands Date: 1992 3 vol. lviil 1844 pp.

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Other Documents (include Author, Title, Date, and Place of Publication)		
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		Inspec 4596010 B9403-6140C-282 C9403-1250-215 Doc Type: Conference Paper Title: An efficient image compression algorithm based on filter bank analysis and fractal theory Authors: Temerinac, M.; Kozzrev, A.; Tipovski, Z.; Simsic, B. Affiliation: Fac. of Tech. Sci., Novi Sad univ., Yugoslavia Conf. Title: Signal Processing VI--Theories and Applications Proceedings of EUSIPCO-92, Sixth European Signal Processing Conference pp. 1373-1376 vol. 3 Editors: Vandewalle, J.; Boite, R.; Moonen, M.; Oosterlinck, A. Publisher: Elsevier Amsterdam, Netherlands, Date: 1992 3 vol. 1vii+1844 pp.
		Inspec 4596362 C9403-1230D-112 Doc Type: Conference Paper Title: Invariant object recognition using Fahiman and Lebiere's learning algorithm Authors: Ito, K.; Hamamoto, M.; Kamruzzaman, J.; Kumagal, Y. Affiliation: Dept. of Comput. Sci., Mutoran Inst. of Technol., Japan Conf. Title: New Trends in Neural Computation. International Workshop on Artificial Neural Networks. Iwann '93 Proceedings pp. 237-242 Editors: Mira J.; Cabestany, J.; Prieto, A. Publishers: Springer-Verlag Berlin, Germany Date: 1993 746 pp.
		Inspec 4597653 B9403-6140C-294 C9403-1250-229 Doc Type: Conference Paper In Journal Title: Affine-invariant moments and B-splines for object recognition from image curves Authors: Huang, Z.; Cohen, F.S. Affiliation: Dept. of Electr. & Comput. Eng., Drexel Univ., Philadelphia, PA, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 1964 pp. 2-12 Date: 1993.
		Inspec 4597772 A9406-1230-014 B9403-4120-043 Doc Type: Conference Paper in Journal Title: Optical processing and storage with bacteriorhodopsin Authors: Brauchle, C.; Hampp, N.; Oesterhelt, D. Affiliation: Inst. for Phys. Chem., Munchen Univ., Germany Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 1852 pp. 238-242 Date: 1993.
		Inspec 460339 B9410-1230-017 B9405-6410C-162 C9405-1250-113 Doc Type: Journal Paper Title: Recognition of partially occluded objects by correlation methods Authors: Campos, J.; Styczynski, K.; Yzuei, M.J.; Chalasinska-Macukow, K. Affiliation: Dept. of Phys., Barcelona Univ., Spain Journal: Optics Communications vol. 106 Iss: 1-3 pp. 45-51 Date: Mar. 1, 1994.

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		Inspec 4603677 C9404-1230D-003 Doc Type: Conference Paper in Journal Title: Differential theory of learning for efficient neural network pattern recognition Authors: Hampshire, J.B., II; Vijaya Kumar, B.V.K. Affiliation: Dept. of Electr. & Comput. Eng., Carnegie Mellon Univ., Pittsburgh, PA USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 1965 pp. 76-95 Date: 1993.
		Inspec 4603689 B9404-6140C-029 C9404-1250-021 Doc Type: Conference Paper in Journal Title: Evaluation of the fractal dimension as a pattern recognition feature using neural networks Authors: DaPonte, J.; Parikh, J.A.; Decker, J.; Vitale, J. Affiliation: Southern Connecticut State Univ., New Haven, CT USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 1965 pp. 221-231 Date: 1993.
		Inspec 4604007 C9404-5260B-015 Doc Type: Journal Paper Title: Fuzzy control systems for image Identification Authors: Xaldert, J.; Kerber, J.V. Journal: Elektronik vol. 42 Iss: 24 pp. 84, 89-91 Date Nov. 30, 1993.
		Inspec 4606815 C9404-5290 004 Doc Type: Journal Paper Title: The use of neural networks in pattern recognition and control Authors: Windsor, C.,G. Affiliation: Nat. Nondestructive Test. Centre, Harwell Lab., UK Journal: Systems Science vol. 19 Iss: 3 pp. 31-41 Date: 1993.
		Inspec 460782 B9404-6140C-067 C9404-1250-040 Doc Type: Conference Paper Title: Gabor wavelet transform and application to problems in early vision Authors: Mahjunath, B.S. Affiliation: Dept. of Electr. & Comput. Eng., California Univ., Santa Barbara, CA, USA Conf. Title: Conference Record at the Twenty-Sixth Asilomar Conference on Signals, Systems and Computers (Cat. No. 92CH3245-8) pp. 796-800 vol. 2. Editors: Singh, A. Publisher: IEEE Comput. Soc. Press Los Alamitos, CA, USA Date: 1992 2 vol. (xviii+xix+1156 pp.).

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		Inspec 4607842 B9404-6140C-067 C9404-1250-040 Doc Type: Conference Paper Title: Gabor wavelet transform and application to problems in early vision Authors: Manjunath, B.S. Affiliation: Dept. of Electr. & Comput. Eng., California Univ., Santa Barbara, CA, USA Conf. Title: Conference Record of the Twenty-Sixth Asilomar Conference on Signals, Systems and Computers (Cat. No.92CH3245-8) p. 796-800 vol. 2 Editors: Singh, A. Publisher: IEEE Comput. Soc. Press Los Alamitos, CA, USA Date: 1992 2 vol. (xviii+xix+1156 pp.).
		Inspec 4607867 B9404-6310-009 C9404-7410-010 Doc Type: Conference Paper Title: High resolution radar target identification Authors: Novak, L.M.; Irving, W.W.; Verbout, S.M.; Owirka, G.J. Affiliation: MIT Lincoln Lab., Lexington, MA, USA Conf. Title: Conference Record at the Twenty-Sixth Asilomar Conference on Signals, Systems and Computers (Cat. No. 92CH3245-8) p. 1048-1057 vol. 2 Editors: Singh, A. Publisher: IEEE Comput. Soc. Press Los Alamitos, CA, USA Date: 1992 2 vol. (xviii+xix+1156 pp.).
		Inspec 4607872 B9404-6140C-074 C9404-1250-045 Doc Type: Conference Paper Title: Characterization of clutter in IR images using maximum likelihood adaptive neural system Authors: Perlovsky, L.I.; Jaskolski, J.J.; Chernick, J. Affiliation: Nicholas Res. Corp., Wakefield, MA, USA Conf. Title: Conference Record of the Twenty-Sixth Asilomar Conference on Signals, Systems and Computers (Cat. No. 92CH3245-8) pp. 1076-1080 vol. 2 Editors: Singh, A. Publisher: IEEE Comput. Soc. Press Los Alamitos, CA, USA Date: 1992 2 vol. (xviii+xix+1156 pp.).
		Inspec 460835 B9407-6140C-081 C9407-1250-055 Doc Type: Journal Paper Title: Affine theorem for the Hartley transform of an image Authors: Bracewell, R.N. Affiliation: Space, Telecommun. & Radiosci. Lab., Stanford Univ., CA, USA Journal: Proceedings of the IEEE vol.: 82 Iss: 3 pp. 388-390 Date: Mar. 1994.
		Inspec 4609089 B9404-6140C-114 C9404-1250-055 Doc Type: Conference Paper in Journal Title: Feature competition and domain of attraction in artificial- perceptron pattern-recognizer Authors: Mu, C.I.,J. Affiliation: Dept. of Electr. Eng., Southern Illinois Univ., Carbondale, IL, USA Journal: Proceedings of the SPIE-- The International Society for Optical Engineering vol. 2032 pp. 87-90 Date: 1993.

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		Inspec 4609092 B9404-6140C-117 C9404-1250-057 Doc Type: Conference Paper in Journal Title: Storing temporal sequences of patterns in neural networks Authors: Krishzswamy, D.; Mehrotra, K.; Mohan, C.K.; Ranka, S. Affiliation: Sch. of Comput. & Inf. Sci., Syracuse Univ. NY, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 2032 pp. 120-126 Date: 1993.
		Inspec 4609095 B9404-6140C-120 C9404-1250-059 Doc Type: Conference Paper in Journal Title: Spatio-temporal pattern recognition using hidden Markov models Authors: Fielding, K.H.; Ruck, D.W.; Fogers, S.K.; Welsh, B.M.; Oxely, M.E. Affiliation: Air Force Inst. of Technol., Dept. of Electr. & Comput. Eng., Wright-Patterson AFB, OH, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 2032 pp. 144-154 Date: 1993.
		INSPEC 4609098 B9404-6140C-112 C9404-1250-061, Doc Type: Conference Paper in Journal, Title: Evolving neural network pattern classifiers, Authors: McDonnell, J.R.; Waagen, D.E.; Page, W.C., Affiliation: NCCOSC, RDT&E Div., San Diego, CA, USA, Journal: Proceedings of the SPIE--The International Society for Optical Engineering, vol.: 2032 pp. 176-187, Date: 1993.
		Inspec 4609104 B9404-6140C-127 C9404-1250-064 Doc Type: Conference Paper In Journal Title: Robust fractal characterization of 1-D and 2-D signals Authors: Avadhanam, N.; Mitra, S. Affiliation: Dept. of Electr. Eng., Texas Tech. Univ., Lubbock, TX, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 2032 pp. 232-244 Date: 1993.
		Inspec 4612850 B9404-6140C-173 C9404-1250-096 Doc Type: Conference Paper Title: A fractal block coding technique employing frequency sensitive competitive learning Authors: Wall, L.; Kinsner, W. Affiliation: Dept. of Electr. & Comput. Eng., Manitoba Univ., Winnipeg, Man., Canada Conf. Title: IEEE WESCANEX 93. Communications, Computers and Power in the Modern Environment Conference Proceedings (Cat. No.93CH3317-5) pp. 320-329 Publisher: IEEE New York, NY, USA Date: 1993 ix+415 pp.

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		Inspec 4614452 B9404-6140C-184 C9404-1250-107 Doc Type: Conference Paper in Journal Title: Extensions of fractal theory Authors: Liu, Y. Affiliation: Dept. of Math. & Comput. Sci., Savannah State Coll., GA, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 1966 pp. 255-268 Date: 1993.
		Inspec 4614474 A9408-0130C-007 B9404-0100-039 C9404-7330-067 Doc Type: Conference Proceedings in Journal Conf. Title: Medical Imaging 1993: Image Processing Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol.1898 Date: 1993.
		INSPEC 46144745 A9408-0130C-007 B9404-0100-039 C9404-7330-067, Doc Type: Conference Proceedings in Journal, Conf. Title: Medical Imaging 1993; Image Processing, Journal: Proceedings of the SPIE--The International Society for Optical Engineering, vol.: 1898, Date: 1993.
		INSPEC 4614533 B9401-0100-043 C9404-1250-113, Doc Type: Conference Proceedings in Journal, Conf. Title: Visual Communications and Image Processing '93, Journal: Proceedings of the SPIE--The International Society for Optical Engineering, vol.: 2094 Iss: pt. 1. Date 1993.
		Inspec 4614545 B9404-6140C-196 C9404-1250-118 Doc Type: Conference Paper in Journal Title: Fractal approach to low rate video coding Authors: Hurtgen, B.; Burtgen, P. Affiliation: Inst. for Commun. Eng., Aachen Univ. of Technol., Germany Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 2094 Iss: pt.1 pp. 120-131 Date: 1993.
		Inspec 4614546 B9404-6140C-197 C9404-1250-119 Doc Type: Conference Paper in Journal Title: Sequence coding based on the fractal theory of iterated transformations systems Authors: Reusens, E. Affiliation: Signal Process. Lab., Swiss Federal Inst. of Technol., Lausanno, Switzerland Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol.: 2094 Iss: pt.1 pp. 132-140 Date: 1993.

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		Inspec 4617406 A9408-4230-005 B9404-6140C-251 C9404-1250-152 Doc Type: Journal Paper Title: Optoelectronically implemented three-layer neural network with 100.RTM.100 input for pattern recognition Authors: Gao-Guang, Stu: Yang Sun: Yanxin Zhang; Xangpeng Yang Affiliation: Inst. of Modern Opt., Nankai Univ., Tianjin, China Journal: Optical Memory & Neural Networks vol. 2 Iss: 3 pp. 151-155 Date: 1993.
		Inspec 4617407 A9408-4240-004 B9404-4180-027 C9404-5270-022 Doc Type: Journal Paper Title: Holographic implementation of interpattern association (IPA) neural network Authors: Taiwei Lu; Lin. F. Affiliation: Physical Opt. Corp., Torrance, CA, USA Journal: Optical Memory & Neural Networks vol. 2 Iss: 3 pp. 157-166 Date: 1993.
		Inspec 4619943 C9404-7480-093 Doc Type: Conference Paper in Journal Title: Recognition of containers using a multidimensional pattern classifier Authors: Magee, M.; Weniger, R.; Wenzel, D.; Pirasteh, R. Affiliation: Dept. of Comput. Sci., Wyoming Univ., Laramie, WY, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 1825 pp. 33-45 Date: 1992.
		Inspec 4619946 B9404-6140C-271 C9404-1250-164 Doc Type: Conference Paper in Journal Title: Pattern recognition using Hilbert space Authors: Lin, Y. Affiliation: Dept. of Math. and Comput. Sci., Savannah State Coll., GA, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 1825 pp. 63-77 Date: 1992.
		Inspec 4619976 C9404-5260B-168 Doc Type: Conference Paper in Journal Title: Algorithm for dynamic object tracking Authors: Datcu, M.; Folta, F.; Toma, C. Affiliation: Polytechnic Inst. of Bucharest, Romania Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 1825 pp. 389-394 Date: 1992.
		Inspec 4620036 C9404-1230-048 Doc Type: Conference Paper in Journal Conf. Title: Adaptive and Learning Systems II Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 1962 Date: 1993.

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		Inspec 4620225 B9404-6140C-346 C9404-1250-215 Doc Type: Conference Paper in Journal Title: A pyramid AR model to generate fractal Brownian random (FBR) field Authors: Bingcheng Li; Song Do Ma Affiliation: Inst. of Autom., Chinese Acad. of Sci., Beijing, China Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 2094 Iss: pt.3 pp. 1094-1102 Date: 1993.
		Inspec 4620235 B9404-6140C-354 C9404-1250-220 Doc Type: Conference Paper in Journal Title: Fractal-based image coding with polyphase decomposition Authors: Kwn-lyt Wong; Ching-Han Hsu; Jay Kuo, C.-C. Affiliation: Dept. of Electr. Eng. Syst., univ. of Southern California, Los Angeles, CA, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 2094 Iss: pt.3 pp. 1207-1218 Date: 1993.
		Inspec 4620247 A9408-4230-008 B9404-6140C-359 C9404-1250-224 Doc Type: Conference Paper in Journal Title: Sequential and fused optical filters for clutter reduction and detection Authors: Casasent, D. Affiliation: Dept. of Electr. & Comput. Eng., Carnegie Mellon Univ., Pittsburgh, PA, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 1959 pp. 2-11 Date: 1993.
		Inspec 4620253 B9404-4150D-005 C9404-5260B-212 Doc Type: Conference Paper in Journal Title: Programmable 128*128 ferroelectric-liquid-crystal spatial-light-modulator compact correlator Authors Serati, S.A.; Ewing, T.K., Serati, R.A.; Johnson, K.M.; Simon, D.M. Affiliation: Boulder Nonlinear Syst. Inc., Boulder, CO, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol: 1959 p. 55-68 Date: 1993.
		Inspec 4620259 B9404-6140C-368 C9404-5260B-217 Doc Type: Conference Paper in Journal Title: Automatic target recognition with intensity-and distortion-invariant hybrid composite filters Authors: Rahmati. M.; Hassebrook, L.G.; Vijaya Kumar, B.V.K. Affiliation: Dept. of Electr. Engl., Kentucky Univ., Lexington, KY, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 1959 pp. 133-145 Date: 1993.

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		Inspec 4620265 A9408-4230-017 B9404-6140C-374 C9404-1250-233 Doc Type: Conference Paper in Journal Title: Distortion invariant optical pattern recognition using composite binary filters Authors: Roe, M.G.; Sebehrer, K.L.; Dobson, R.; Schirber, L. Affiliation: Rocketdyne Div., Rockwell Int. Corp., Canoga Park, CA, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 1959 pp. 203-213 Date: 1993.
		Inspec 4620266 A9408-1230-018 B9404-6140C-375 C9404-1250-234 Doc Type: Conference Paper in Journal Title: Design of distortion-invariant correlation filters using supervised learning Authors: Kozaitis, S.P.; Coter, R.H.; Foot, W.E. Affiliation: Dept. of Electr. & Comput. Eng., Florida Inst. of Technol., Melbourne, FL, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 1959 pp. 214-219 Date: 1993.
		Inspec 4620268 B9404-8520B-006 C9404-5260B-220 Doc Type: Conference Paper in Journal Title: Optical roadsign recognition to improve active safety features Authors: Guibert, L.; Keryer, G.; Attia, M. Affiliation: Groupe Optique et Syst. de Commun., Telecom Bretagne, Brest, France Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 1959 pp. 230-234 Date: 1993.
		Inspec 4624108 C9404-6130B-051 Doc Type: Journal Paper Title: Coloring of a landscape by fuzzy logic Authors: Terano, T.; Masui, S.; Terada, T.; Watanabe, H. Journal: Japanese Journal of Fuzzy Theory and Systems vol.: 5 Iss: 2 pp. 209-221 Date: 1993.
		Inspec 4625222 C9404-5530-010 Doc Type: Conference Paper Title: Extending conventional template matching to include color, rotation, and scale Authors: McGarry, F.J. Conf. Title: Proceedings of the International Robots and Vision Automation Conference P. 4/5 Publisher: Robotic Ind Assoc Ann Arbor, MI, USA Date 1993 xxv+889 pp.

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		Inspec 4626634 B9405-6140C 008 C9405-1250-009 Doc Type: Conference Paper in Journal Title: Invariant pattern recognition using higher-order neural networks Authors: Sundthankar, S.; Jaravine, V.A. Affiliation: Kingston Univ., UK Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol: 1826 p. 160-7 Date: 1992.
		Inspec 4626658 C9405-1250-021 Doc Type: Conference Paper in Journal Title: Computing part hierarchies of 3D object shape from metric and nonmetric surface representations Authors: Zlateva, S. Affiliation: Dept. of Comput. Sci., Boston Univ., MA, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 1826 pp. 419-427 Date: 1992.
		Inspec 4626670 B9405-6140C-021 C9405-1250-027 Doc Type: Conference Paper in Journal Title: Search Space reductions in deriving a fractal set for an arbitrary shape Authors: Neuleton, D.J.; Garigliano, R. Affiliation: Sch. of Eng. & Comput. Sci., Durham Univ., UK Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 1962 pp. 137-145 Date: 1993.
		Inspec 4626676 B9405-6140C-025 C9405-1250-031 Doc Type: Conference Paper in Journal Title: Discriminant analysis in serial images using fractal based features Authors: Priebe, C.E.; Solka, J.L.; Rogers, G.W. Affiliation: Syst. Res. & Technol. Dept., Advanced Computation Technol., Dahlgren, VA, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol: 1962 p. 196-208 Date: 1993.
		Inspec 4626677 B9405-6140C-026 C9405-1250-032 Doc Type: Conference Paper in Journal Title: A probabilistic approach to fractal based texture discrimination Authors: Soika, J.L.; Priebe, C.E.; Rogers, G.W. Affiliation: Dept. of Syst. Res. & Technol., Naval Surface Warfare Center, Dahlgren, VA, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 1962 pp. 209-218 Date: 1993.

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		Inspec 4626678 B9405-6140C-027 C9405-5260B-006 Doc Type: Conference Paper in Journal Title: Parallel computation of fractal dimension Authors: Hayes, H.I.; Solka, J.L.; Priebe, C.E. Affiliation: Syst. Res. & Technol. Dept., Naval Surface Warfare Center, Dahlgren, VA, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol: 1962 p. 219-30 Date: 1993.
		Inspec 4626788 B9405-6140C-043 C9405-1250-043 Doc Type: Conference Paper in Journal Title: Structural limitations of self-affine and partially self-affine fractal compression Authors: Domaszewicz, J.; Vaishampayan, V.A. Affiliation: Dept. of Electr. Eng., Texas A&M Univ., College Station, TX, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 2094 Iss: pt.3 pp. 1498-1507 Date: 1993.
		Inspec 4626801 B9405-6140C-056 C9405-1250-050 Doc Type: Conference Paper in Journal Title: An affine transform based image vector quantizer Authors: Brahmanandam, M.B.; Panchanathan, S.; Goldberg, M. Affiliation: Dept. of Electr. Eng., Ottawa Univ., Ont., Canada Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol.: 2094 Iss: pt.3 pp. 1639-1648 Date: 1993.
		Inspec 4626891 B9405-6140C-079 C9405-5260B-039 Doc Type: Conference Paper in Journal Title: Object tracking through adaptive correlation Authors: Montera, D.A.; Rogers, S.K.; Ruck, D.W.; Oxley, M.E. Affiliation: Dept. of Electr. & Comput. Eng., Air Force Inst. of Technol., Wright-Patterson AFB, OH, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 1959 pp. 314-321 Date: 1993.
		Inspec 4626929 B9405-6140C-087 C9405-5260B-047 Doc Type: Conference Paper in Journal Title: Continuous-tone image recognition using fractal theory Authors: Ying Liu Affiliation: Dept. of Math. & Comput. Sci., Savannah State Coll., GA, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 2060 pp. 112-124 Date: 1993.

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Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
		Inspec 4626933 C9405-5260B-049 Doc Type: Conference Paper in Journal Title: Projected morion group for vision Authors: Tanalm, M. Affiliation: Electrotech. Lab., Tsukuba, Japan Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 2060 pp. 161-168 Date: 1993.
		Inspec 4626939 C9405-1250-068 Doc Type: Conference Paper in Journal Title: Searching geometric libraries using generalized epsilon-congruence Authors: Phillips, P.J. Affiliation: Rutor, Rutgers Univ., New Brunswick, NJ, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 2060 pp. 225-236 Date: 1993.
		Inspec 4628608 C9405-5260B-064 Doc Type: Journal Paper Title: Adaptive edge detection with fractal dimension Authors: Cheong, C.K.; Aizawa, K.; Salio, T.; Hatori, M. Affiliation: Fac. of Eng., Tokyo Univ., Japan Journal: Transactions of the Institute of Electronics. Information and Communication Engineers D-II vol. J176D-II Iss: 11 pp. 2459-2463 Date: Nov. 1993.
		Inspec 4631735 C9405-1250-077 Doc Type: Journal Paper Title: Non-analytic object recognition using the Hough transform with the machine technique Authors: Set, P.-K.; Siu, W.-C. Affiliation: Dept. of Electron. Eng., Hong Kong Polytech., Hung Hom, Hong Kong Journal: IEE Proceedings-Computers and Digital Techniques vol.: 141 Iss: 1 pp. 11-16 Date: Jan. 1994.
		Inspec 4632058 B9405-0100-016 C9405-5260B-092 Doc Type: Conference Proceedings in Journal Conf. Title: Intelligent Robots and Computer Vision XI: Biological, Neural Net and 3-D Methods Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 1826 Date: 1992.
		INSPEC 4632109 A9409-4280B-002 B9405-4170-003, Doc Type: Conference Paper in Journal, Title: Spatial-spectral optical pattern recognition using an acousto-optic tunable filter preprocessor, Authors: Chao, T.-H., Reyes, G.; Hegblom, E.; Cheng, L.J., Affiliation: Jet Propulsion Lab., California Inst. of Technol., Pasadena, CA, USA, Journal: Proceedings of the SPIE--The International Society for Optical Engineering, vol.: 1959 pp. 410-420, Date; 1993.

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		Inspec 4632197 A9409-1280B-002 B9405-4170-003 Doc Type: Conference Paper in Journal Title: Spatial-spectral optical pattern recognition using an acousto-optic runable filter preprocessor Authors: Chao, T.-H.; Reyes, O.; Hegblom, E.; Cheng, L.J. Affiliation: Jet Propulsion Lab., California Inst. of Technol., Pasadena, CA, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol: 1959 p. 410-20 Date: 1993.
		Inspec 4632198 B9405-4180-003 C9405-5270-002 Doc Type: Conference Paper in Journal Title: Shift invariant optical neural network with holographic bipolar synapses Authors: Chao, T. H. Affiliation: Jet Propulsion Lab., California Inst. of Technol., Pasadena, CA, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 1959 pp. 422-430 Date: 1993.
		Inspec 4632199 B9405-4120-003 C9405-5320K-006 Doc Type: Conference Paper in Journal Title: A content-addressable polychromatic neural net using a specially doped LiNbO/sub 3/ photorefractive crystal Authors: Yu, F.T.S.; Yin, S.; Uang, C.-M. Affiliation: Dept. of Electr. & Comput. Eng., Pennsylvania State Univ., University Park, PA, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 1959 pp. 431-441 Date: 1993.
		Inspec 4632200 B9405-4180-004 C9405-5270-003 Doc Type: Conference Paper in Journal Title: Three-dimensional pattern recognition using an opto-electronic inner product complex neural network Authors: Awwal, A.A.S.; Power, G.J. Affiliation: Dept. of Comput. Sci. & Eng., Wright State Univ., Dayton, OH, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 1959 pp. 442-451 Date: 1993.
		Inspec 4634402 B9405-6140C-115 C9405-5260B-098 Doc Type: Journal Paper Title: Associative structures for vision Authors: Anguita, D.; Parodi, G.; Zunino, R. Affiliation: Dept. of Biophys. & Electron. Eng., Genoa Univ., Italy Journal: Multidimensional Systems and Signal Processing vol. 5 Iss: 1 pp. 75-96 Date: Jan. 1994.

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		Inspec 4637182 B9405-6140C-145 C9405-1250-096 Doc Type: Journal Paper Title: Bessel sequences and affine frames Authors: Chui, C.K.; Xianliang Shi Affiliation: Center for Approx. Theory, Texas A&M Univ., College Station, TX, USA Journal: Applied and Computational Harmonic Analysis vol. 1 Iss: 1 pp. 29-49 Date: Dec. 1993.
		Inspec 4637540 B9405-6140C-152 C9405-1250-103 Doc Type: Journal Paper Title: Classified vector quantisation with variable block-size DCT models Authors: Lee, M.H.; Crebbin, G. Affiliation: Dept. of Electr. & Electron. Eng., Western Australia Univ., Nedlands, WA Australia Journal: IEE Proceedings-Vision, Image and Signal Processing vol.: 141 Iss: 1 pp. 39-48 Date: Feb. 1994.
		Inspec 4638188 C9405-3390-079 Doc Type: Journal Paper Title: Uncalibrated stereo hand-eye coordination Authors: Hollinghurst, N.; Cipolla, R. Affiliation: Dept. of Eng., Cambridge Univ., UK Journal: Image and Vision Computing vol: 12 Iss: 3 p. 187-92 Date: Apr. 1994.
		Inspec 4639978 B9405-6140C-159 C9405-1250-112 Doc Type: Journal Paper Title: A method to estimate position and orientation of 3-D object from 2-D projection Authors: Nomura, Y.; Sae-Han, D.; Fujii, S. Affiliation: Fac. of Eng., Nagoya Univ., Japan Journal: Transactions of the Institute of Electronics, Information and Communication Engineers D-II vol. 177D-II Iss: 1 pp. 101-107 Date: Jan. 1994.
		Inspec 4640339 A9410-4230-017 B9405-6140C-162 C9405-1250-113 Doc Type: Journal Paper Title: Recognition of partially occluded objects by correlation methods Authors: Campos, J.; Styczynski, K.; Yzuel, M.J.; Chalasinska-Macukow, K. Affiliation: Dept. of Phys., Barcelona Univ., Spain Journal: Optics Communications vol: 106 Iss: 1-3 p. 45-51 Date: Mar. 1, 1994.
		Inspec 4644141 B9405-6140C-192 C9405-1250-133 Doc Type: Journal Paper Title: Space and frequency variant image enhancement based on a Gabor representation Authors: Castobal, G.; Navarro, R. Affiliation: Inst. de Opt. CSIC, Madrid, Spain Journal: Pattern Recognition Letters vol. 15 Iss: 3 pp. 273-277 Date: Mar. 1994.

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		Inspec 4644903 B9405-6140C-196 C9405-5260B-180 Doc Type: Journal Paper Title: RPCT algorithm and its VLSI implementation Authors: Tang, Y.Y.; Suen, C.Y. Affiliation: Centre for Pattern Recognition & Machine Intelligence, Concordia Univ., Montreal, Que., Canada Journal: IEEE Transactions on Systems, Man and Cybernetics vol. 24 Iss 1 pp. 87-99 Date: Jan. 1994.
		Inspec 4644907 B9405-6140C-198 C9405-1250-137 Doc Type: Journal Paper Title: An efficient differential box-counting approach to compute fractal dimension of image Authors: Sarkar, N.; Chaudhuri, B.B. Affiliation: Electron. & Commun. Sci. Unit, Indian Stat. Inst., Inst., Calcutta, India Journal: IEEE Transactions on Systems, Man and Cybernetics vol. 24 Iss: 1 pp. 115-120 Date: Jan. 1994.
		Inspec 4645049 B9405-6140C-203 C9405-1250-141 Doc Type: Journal Paper Title: Part I: Modeling image curves using invariant 3-D object curve models-a path to 3-D recognition and shape estimation from image contours Authors: Cohen, F.S.; Jin-Yinn Wang Affiliation: Dept. of Electr. & Comput. Eng., Drexel Univ., Philadelphia, PA, USA Journal: IEEE Transactions on Pattern Analysis and Machine Intelligence vol. 16 Iss: 1 pp. 1-12 Date: Jan. 1994.
		Inspec 4648042 B9405-6140C-249 C9405-1250-179 Doc Type: Conference Paper Title: A feature space for derivatives of deformations Authors: Bookstein, F.L.; Green, W.D.K. Affiliation: Center for Human Growth & Dev., Michigan Univ., Ann Arbor, MI, USA Conf. Title: Information Processing in Medical Imaging 13th International Conference, IPMI '93 Proceedings pp. 1-16 Editors: Barrett, H.H.; Gmitro, A.F. Publisher: Springer-Verlag Berlin, Germany Date: 1993 xvi+567 pp.
		Inspec 4654377 B9406-6140C-026 C9406-1250-020 Doc Type: Conference Paper in Journal Title: A fuzzy logic approach to object recognition Authors: Trung Tat Pham; Guanrong Chen Affiliation: McDonnell Douglas Aerosp., Adv. Software Technol. Group. Houston, TX, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 2061 pp. 547-556 Date: 1993.

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		INSPEC 4656179 B940-6140C-040 C9406-1250-030, Doc Type: Journal Paper, Title: Neocognitron with dual C-cell layers, Authors: Fukushima, K.; Okada, M.; Hiroshige, K., Affiliation: Dept. of Biophys. Eng., Osaka Univ., Japan, Journal: Neural Networks, vol.: 7 Iss: 1 pp. 41-47, Date: 1994.
		Inspec 4656976 C9406-2590-006 Doc Type: Conference Paper in Journal Title: An incremental neutral classifier on a MIMD parallel computer Authors: Azcarraga, A.; Paugarn-Moisy, H.; Puzzenat, D. Affiliation: Lfia Imag Inpg, Grenoble, France Journal: Ifip Transactions A [Computer Science and Technology] vol. A-44 pp. 13-22 Date: 1994.
		Inspec 4657256 C9406-5260B-031 Doc Type: Journal Paper Title: An experimental study of an object recognition system that learns Authors: Chung-Mong Lee: Ting-Chuen Pong; Slagle, J.R.; Esterline, A. Affiliation: Dept. of Comput. Sci., Hong Kong Univ. of Sci. & Technol., Hong Kong Journal: Pattern Recognition vol. 27 Iss. 1 pp. 65-89 Date: Jan. 1994.
		Inspec 4657258 B9406-6140C-063 C9406-1250-044 Doc Type: Journal Paper Title: The canonical coordinates method for pattern recognition. II. Isomorphisms with affine transformations Authors: Blatt, N.; Rubinstein, S. Affiliation: Dept. of Math., Technion-Israel Inst. of Technol., Haifa, Israel Journal: Pattern Recognition vol. 27 Iss: 1 pp. 99-107 Date: Jan. 1994.
		Inspec 4657264 B9406-6140C 067 C9406-5260B-034 Doc Type: Journal Paper Title: Variations on the evidence-based object recognition theme Authors: Caelli, T.; Dreier, A. Affiliation: Dept. of Comput. Sci., Curtin Univ. of Technol., Perth, WA, Australia Journal: Pattern Recognition vol. 27 Iss: 2 pp. 185-204 Date: Feb. 1994.
		Inspec 4657799 B9406-6140C-077 C9406-5260B-039 Doc Type: Journal Paper Title: An analysis of different area from shadow mask using morphological operations Authors: Okada, Y. Affiliation: Ryukoku Univ., Ohtsu, Japan Journal: Transactions of the Institute of Electrical Engineers of Japan, Part C vol. 113-C Iss: 12 pp. 1056-1061 Date: Dec. 1993.

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		Inspec 4658298 C9406-5260B-046 Doc Type: Conference Paper Title: Robustness and evolution in an adaptive system applications on classification task Authors: Bodi, J. Affiliation: Univ. of Nice-Sophia Antipolis, Yalbonne, France Conf. Title: Artificial Neural Nets and Genetic Algorithms. Proceedings of the International Conference pp. 463-470 Editors: Albrecht, R.F.; Reeves, C.R.; Steele, N.C. Publisher: Springer-Verlag Berlin, Germany Date: 1993 xiii+737 pp.
		Inspec 4666379 C9406-5260B-115 Doc Type: Conference Paper in Journal Title: A study of Fourier descriptors statistical features Authors: Darwish, A.M.; Mohamed, E.E.H. Affiliation: Dept. of Electron. Eng., Cairo Univ., Giza, Egypt Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 1989 pp. 195-204 Date: 1993.
		Inspec 4666384 C9406-7490-009 Doc Type: Conference Paper in Journal Title: Pattern classification of RGB colour images using a BP neural network classifier Authors: Iia, J. Affiliation: Sch. of Electr. & Electron. Eng., Nanyang Technological Univ. Singapore Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 1989 pp. 248-256 Date: 1993.
		Inspec 4666461 A9412-8780-003 B9406-2230-005 Doc Type: Journal Paper Title: Mutated bacteriorhodopsins-versatile media in optical image processing Authors: Hampp, N.; Zeisel, D. Affiliation: Inst. for Phys. Chem., Munich Univ., Germany Journal: IEEE Engineering in Medicine and Biology Magazine vol. 13 Iss: 1 pp. 67-74 Date: Feb.-Mar. 1994.
		Inspec 4666480 B9406-6140C-147 C9406-1250-102 Doc Type: Journal Paper Title: Affine point matching Authors: Sprinzak, J.; Werman, M. Affiliation: Dept. of Comput. Sci., Hebrew Univ., Jerusalem, Israel Journal: Pattern Recognition Letters vol. 15 Iss: 4 p. 337-9 Date: Apr. 1994.
		Inspec 4666490 B9406-6140C-154 C9406-1250-109 Doc Type: Journal Paper Title: Efficacy of fractal features in segmenting images of natural textures Authors: Dubuisson, M.-P.; Dubs, R.C. Affiliation: Dept. of Comput. Sci., Michigan State Univ., East Lansing, MI, USA Journal: Pattern Recognition Letters vol. 15 Iss: 4 pp. 419-431 Date: Apr. 1994.

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		Inspec 4666580 B9406-6140C-147 C9406-1250-102 Doc Type: Journal Paper Title: Affine point matching Authors: Sprinzak, J.; Werman, M. Affiliation: Dept. of Comput. Sci., Hebrew Univ., Jerusalem, Israel Journal: Pattern Recognition Letters vol. 15 Iss: 4 pp. 337-339 Date: Apr. 1994.
		Inspec 4666757 B9406-128 C9406-1260-077 Doc Type: Journal Paper Title: Multiscale recursive estimation, data fusion, and regularization Authors: Chou, K.C., Willsky, A.S.; Benveniste, A. Affiliation: SRI Int., Menlo Park, CA, USA Journal: IEEE Transactions on Automatic Control vol: 39 Iss: 3 p. 464-78 Date: Mar. 1994.
		Inspec 4668515 A9412 4230-005 B9406-4180-028 C9406-1250-121 Doc Type: Journal Paper Title: Adaptive-optical neural network for classifying patterns on structured backgrounds Authors: Pavlov, A. V. Affiliation: Vavilov (S.I.) State Opt. Inst., Saint Petersburg, Russia Journal: Optics and Spectroscopy vol. 75 Iss: 3 pp. 391-394 Date: Sep. 1993.
		Inspec 4668515 A9412-4230-005 B9406-4180-028 C9406-1250-121 Doc Type: Journal Paper Title: Adaptive-optical neural network for classifying patterns on structured backgrounds Authors: Pavlov, A. V. Affiliation: Vavilov (S.I.) State Opt. Inst. Saint Petersburg, Russia Journal: Optics and Spectroscopy vol: 75 Iss: 3 p. 391-4 Date: Sep. 1993.
		Inspec 4669185 C9406-1230-068 Doc Type: Journal Paper Title: Rule-base structure identification in an adaptive-network-based fuzzy inference system Authors: Chen-Tsai Sun Affiliation: Dept. of Comput. & Inf. Sci., Nat. Chiao Tung Univ., Hsinchu, Taiwan Journal: IEEE Transactions on Fuzzy Systems vol. 2 Iss: 1 pp. 64-73 Date: Feb. 1994.
		Inspec 4669186 C9406-1230-068 Doc Type: Journal Paper Title: Rule-base structure identification in an adaptive-network-based fuzzy inference system Authors: Chuen-Tsai Sun Affiliation: Dept. of Comput. & Inf. Sci., Nat. Chiao Tung Univ., Hsinchu, Taiwan Journal: IEEE Transactions on Fuzzy Systems vol: 2 Iss: 1 pp. 64-73 Date: Feb. 1994.

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		Inspec 4670688 C9406-5260B-164 Doc Type: Conference Paper in Journal Title: Knowledge based object recognition and model generation Authors: Paulus, D.W.R.; Winzen, A.; Niemann, H. Affiliation: Lehrstuhl für Mustererkennung, Univ. Erlangen-Nürnberg, Germany Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 1989 pp. 382-393 Date: 1993.
		Inspec 4671654 B9406-6140C-211 C9406-1250-138 Doc Type: Journal Paper Title: Image coding using fractal parameters of contour lines Authors: Suzuki, Y.; Sumiyoshi, H.; Miyauchi, A. Affiliation: Dept. of Electron. & Commun. Eng., Musashi Inst. of Technol., Tokyo, Japan Journal: Journal of the Institute of Television Engineers of Japan vol. 48 Iss: 1 pp. 69-77 Date: Jan. 1994.
		Inspec 4672860 B9406-6140C-227 C9406-1250-151 Doc Type: Journal Paper Title: Can the fractal dimension of images be measured? Authors: Qian Huang; Lorch, J.R.; Dubes, R.C. Affiliation: Dept. of Comput. Sci., Michigan State Univ., East Lansing, MI, USA Journal: Pattern Recognition vol.: 27 Iss: 3 pp. 339-349 Date: Mar. 1994.
		Inspec 4677845 C9407-5260B-019 Doc Type: Conference Paper Title: Distortion-invariant object recognition using adaptive resonance theory Authors: Kadiran, S., Patnaik, L.M. Affiliation: Tao Consultancy Services, Bombay, India Conf. Title: Proceedings 1993 The First New Zealand International Two-Stream Conference on Artificial Neural Networks and Expert Systems p. 341-344 Editors: Kasabov, N.K. Publisher: IEEE Comput. Soc. Press Los Alamitos, CA, USA Date: 1993 xiii+346 pp.
		INSPEC 4678792 A9413-1230-024 B9407-6140C-034 C9407-5260B-023, Doc Type: Conference Paper in Journal, Title: Optical fractal image processor for noise-embedded targets detection, Authors: Kim, D.H.; Caulfield, H.J.; Jansson, T.; Kostrzewski, A.; Savant, G., Affiliation: Phys. Optics Corp., Torrance, CA, USA, Journal: Proceedings of the SPIE--The International Society for Optical Engineering, vol.: 2026 pp. 144-149, Date: 1993.

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		Inspec 4678793 A9413-4230-025 B9407-6140C-035 C9407-1250-023 Doc Type: Conference Paper in Journal Title: Performance of the optical wavelet matched filter Authors: Roherge, D.; Sheng, Y. Affiliaoon: Dept de Phys., Laval Univ., Ste-Foy, Canada Journal. Proceedings of the SPIE--The International Society for Optical Engineering vol. 2026 pp. 150-160. Date: 1993.
		Inspec 4678814 A9413 4230-029 B9407-6140C-038 C9407-1250-025 Doc Type: Conference Paper in Journal Title: Optical synergetic computers for pattern recognition Authors: Haken, H. Affiliation: Inst. for Theor. Phys. & Synergetics, Stutigart, Germany Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 2039 pp. 270-281 Date: 1993.
		Inspec 4680787 B9407-6140C-080 C9407-6130B-014 Doc Type: Journal Paper Title: Simulation of fractal multidimensional images using multidimensional recursive filters Authors: Bruton, L.T.; Bartley, N.R. Affiliation: Dept. of Electr. & Comput. Eng., Calgary Univ., Alta., Canada Journal: IEEE Transactions on Circuits and Systems II: Analog and Digital Signal Processing vol.: 41 Iss: 3 pp. 181-188 Date: Mar. 1994.
		Inspec 4680835 B9407-6140C-081 C9407-1250-055 Doc Type: Journal Paper Title: Affine theorem for the Hartley transform of an Image Authors: Bracewell, R.N. Affiliation: Space, Telecommun. & Radiosci. Lab., Stanford Univ., CA, USA Journal: Proceedings of the IEEE vol: 82 Iss: 3 p. 388-90 Date: Mar. 1994.
		Inspec 4681576 C9407-1230-025 Doc Type: Conference Proceedings Conf. Title: Proceedings of IEEE 2nd International Fuzzy Systems Conference Publisher: IEEE New York, NY, USA Date: 1993 2 vol. (xviii+xx+1430 pp.).
		Inspec 468356 A9414-1230-015 C9407-1230D-066 Doc Type: Journal Paper Title: Multiple dynamic neural network for pattern time sequence processing Authors: Kotov, V.B. Affiliation: Inst. of Opt. Neural Technol., Acad. of Sci., Moscow, Russia Journal: Optical Memory & Neural Networks vol. 2 Iss: 4 pp. 235-243 Date: 1993.

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		Inspec 4683860 A9414-230-005 B9407-6140C-104 C9407-1250-076 Doc Type: Journal Paper Title: Fractal error for detecting man-made features in serial images Authors: Cooper, B.E.; Chenoweth, D.L.; Selvage, J.E. Affiliation: Comput. Sci. & Eng. Program, Louisville Univ., KY, USA Journal: Electronics Letters vol. 30 Iss: 7 pp. 554-555 Date: Mar. 31, 1994.
		Inspec 4684331 B9407-6140C-107 C9407-1250-078 Doc Type: Journal Paper Title: Uncertainty management for rule-based system with applications to image analysis Authors: Mogre, A.; McLaren, R.; Keller, J.; Krishnapuram, R. Affiliation: LSI Logic Corp., Milpitas, CA, USA Journal: IEEE Transactions on Systems, Man and Cybernetics vol. 24 Iss: 3 pp. 470-481 Date: Mar. 1994.
		Inspec 4685821 B9407-6140C-123 C9407-1250-093 Doc Type: Journal Paper Title: Nonorthogonal image expansion related to optimal template matching in complex images Authors: Ragbunath Rao, K.; Ben-Arie, J. Affiliation: Dept. of Electr. & Comput. Eng., Illinois Inst. of Technol. Chicago, IL, USA Journal: CVGIP: Graphical Models and Image Processing vol. 56 Iss: 2 pp. 149-160 Date: Mar. 1994.
		Inspec 4686006 B9407-6140C-129 C9407-1250-101 Doc Type: Journal Paper Title: Intensity-and distortion-invariant pattern recognition with complex linear morphology Authors: Rahmati, M.; Hasselbrook, L.G. Affiliation: Dept. of Electr. Eng., Kentucky Univ., Lexington, KY, USA Journal: Pattern Recognition vol. 27 Iss: 4 pp. 549-568 Date: Apr. 1994.
		Inspec 4686009 A9414-4230-012 B9407-6140C-132 C9407-1250-104 Doc Type: Journal Paper Title: Optical pattern recognition using Bayesian classification Affiliation: Dept. of Electr. & Comput. Engr., New Mexico State Univ., Las Cruces, NM, USA Journal: Pattern Recognition vol. 27 Iss: 4 pp. 587-606 Date: Apr. 1994.

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No. LIH-14	Application No. 09/497,071
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Linda I. Borghesani-Hoffberg	
		Filing Date February 2, 2000	Group Art Unit 2421

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
		INSPEC 4686356 A9414-4230-015 C9407-1230D-066, Doc Type: Journal Paper, Title: Multilayer dynamic neural network for pattern time sequence processing, Authors: Kotov, V.B., Affiliation: Inst. of Opt. Neural Technol., Acad. of Sci., Moscow, Russia, Journal: Optical Memory & Neural Networks, vol.: 2 Iss: 4 pp. 235-243, Date: 1993.
		Inspec 4686357 A9414-1230-016 B9407-6140C-135 C9407-1250-106 Doc Type: Journal Paper Title: Pattern recognition by optical neural network based on the optical correlator Authors: Pavlov, A. V.; Shubnikow, E.I. Affiliation: Lab. of Opt. Pattern Recognition & Neural Networks, Vavilov (S.I.) State Opt. Inst., Saint Petersburg, Russia Journal: Optical Memory & Neural Networks vol. 2 Iss: 4 pp. 245-250 Date: 1993.
		Inspec 4686357 A9414-1230-016 B9407-6140C-135 C9407-1250-106 Doc Type: Journal Paper Title: Pattern recognition by optical neural network based on the optical correlator Authors: Pavlov, A. V.; Shubnikow, E.I. Affiliation: Lab. of Opt. Pattern Recognition & Neural Networks, Vavilov (S.I.) State Opt. Inst., Saint Petersburg, Russia Journal: Optical Memory & Neural Networks vol.: 2 Iss: 4 pp. 245-250 Date: 1993.
		Inspec 4686995 B9407-6140C-139 C9407-1250-110 Doc Type: Conference Paper Title: A new class of fuzzy operators for image processing: design and implementation Authors: Russo, F. Affiliation: Dipartimento di Elettrotecnica Elettronica Inf., Trieste Univ., Italy Conf. Title: Second IEEE International Conference on Fuzzy Systems (Cat. No.93CH3136-9) pp. 815-820 vol. 2 Publisher: IEEE New York, NY, USA Date: 1993 vol. 2 (xviii+xx+1430 pp.).
		Inspec 4689867 A9414-4230-026 B9407-6140C-167 C9407-1250-134 Doc Type: Journal Paper Title: Edge enhancement techniques for improving the performance of binary phase-only filter pattern recognition devices Authors: Khoury, J.; Gianino, P.D.; Kane, J.S.; Woods, C.L. Affiliation: Tufts Univ., Medford, MA, USA Journal: Optical Engineering vol. 33 Iss: 3 pp. 856-864 Date: Mar. 1994.

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Examiner Initial	Desig. ID	Document
		Inspec 4690859 B9407-6140C-178 C9407-1250-136 Doc Type: Conference Paper Title: Structure from motion: a region based approach using affine transformations and moment invariants Authors: Lee, C.-Y.; Cooper, D.B. Affiliation: Div. of Eng., Brown Univ., Providence, RI, USA Conf. Title: Proceedings IEEE International Conference on Robotics and Automation (Cat. No.93CH3247-4) p. 120-7 vol. 3 Publisher: IEEE Comput. Soc. Press Los Alamitos, CA, USA Date: 1993 3 vol. (xviii+1051+xvi+848+xviii+1042 pp.).
		Inspec 4691097 B9407-0100-079 C9407-5260B-083 Doc Type: Conference Proceedings Conf. Title: Proceedings of 4th International Workshop on Time-Varying Image Processing and Moving Object Recognition Editors: Cappellini, V. Publisher: Elsevier Amsterdam, Netherlands Date: 1994 xiii+429 pp.
		Inspec 4691104 B9407 6140C-184 C9407-1250-144 Doc Type: Conference Paper Title: Study on Gabor expansion and wavelet decomposition for texture analysis Authors: Nemeth, G.; Boroczky, L. Affiliation: KFKI Res. Inst. for Meas. & Comput. Techniques, Budapest, Hungary Conf. Title: Efficient Texture Analysis: Advanced Methods, Applications (KFKI-1994-2/N) pp. 31-41 Editors: Nemeth, G.; Boroczky, L. Publisher: KFKI Res. Instr. Meas. Comput. Tech Budapest, Hungary Date: 1994 94 pp.
		Inspec 4691106 B9407-6140C-186 C9407-1250-145 Doc Type: Conference Paper Title: Fractals and multifractals; theory and application to texture recognition Authors: Fioravanni, S.; Giusto, D.D. Affiliation: Dipartimento di Ingegneria Biofisica ed Electronica, Genova Univ., Italy Conf. Title: Efficient Texture Analysis: Advanced Methods, Applications (KFKI-1994-2/N) p. 51-9 Editors: Nemeth, G.; Boroczky, L. Publisher: KFKI Res. Inst. Meas. Comput. Tech Budapest, Hungary Date: 1994 94 pp.
		Inspec 4694458 B9408-6140C-025 C9408-5260B-006 Doc Type: Journal Paper Title: Model-based multiresolution motion estimation in noisy images Authors: Wool Boon Goh; Martin, G.R. Affiliation: Sch. of Appl. Sci., Nanyang Technol. Inst., Singapore Journal: CVGIP: Image Understanding vol: 59 Iss: 3 p. 307-19 Date: May 1994.

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		INSPEC 4694463 B9408-6140C-028 C9408-5260B-008, Doc Type: Journal Paper, Title: Image analysis and computer vision: 1993, Authors: Rosenfeld, A., Affiliation: Center for Autom. Res., Maryland Univ., College Park, MD, USA, Journal: CVGIP: Image Understanding, vol.: 59 Iss: 3 pp. 367-396, Date: May 1994.
		Inspec 4695175 C9408-5260B-011 Doc Type: Journal Paper Title: Generated Moment invariant features by cascaded neural network for pattern classification Authors: Raveendran, P.; Omaru, S. Affiliation: Dept. of Electr. Eng., Malaya Univ., Kuala Lumpur, Malaysia Journal: Transactions of the Information Processing Society of Japan vol. 35 Iss: 2 pp. 291-300 Date: Feb. 1994.
		Inspec 4695429 B9408-6140C-031 C9408-5260B-013 Doc Type: Conference Paper Title: Vector quantization based target cueing Authors: Call, R.W.; Puisipher, D.C. Affiliation: Paramas Syst. Corp., Salt Lake City, UT, USA Conf. Title: Proceedings of the IEEE 1993 National Aerospace and Electronics Conference. NAECON 1993 (Cat. No.93CH3306-8) pp. 240-244 vol. 1 Publisher: IEEE New York, NY, USA Date: 1993 2 vol. xvii+1171 pp.
		Inspec 4695587 B9408-6140C-032 C9408-1250-015 Doc Type: Conference Paper Title: Multi-level fractal block coding in video compression Authors: Lia, J.; Matlow, S.; Murphy, N.A. Affiliation: Sch. of Electron. Eng., Dublin City Univ., Ireland Conf. Title: DSP--The Enabling Technology for Communications. Conference Proceedings (ERA 93-0008) pp. 6.4/1-9 Publisher: ERA Technol Leatherhead, UK Date: 1993 iv+284 pp.
		Inspec 4696290 A9415-4230-030 B9408-6140C-040 Doc Type: Journal Paper Title: Controlled-intensity detection peaks in a binary joint transform correlator Authors: Carnicer, A.; Moneo, I.R. de F. Affiliation: Dept. de Fisica Aplicada I Electron., Barcelona Univ., Spain Journal: Applied Optics vol. 33 Iss: 14 pp. 3070-3075 Date: May 10, 1994.

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		INSPEC 4696291 A9415-4230-031 B9408-6140C0-041 C9408-1250-018, Doc Type: Journal Paper, Title: Invariant optical pattern recognition based on a contour bank, Authors: Shoude Chang; Arsenault, H.H.; Dahe Liu, Affiliation: Dept. de Phys., Laval Univ., Que. Canada, Journal: Applied Optics, vol.: 33 Iss: 14 pp. 3076-3085, Date: 10 May 1994.
		INSPEC 4697248 A9415-4230-036 B9408-6140C-046 C9408-1250-021, Doc Type: Conference Paper in Journal, Title: Spatially multiplexed composite filters for optical pattern recognition, Authors: Abushagur, M.A.G., Affiliation; Dept. of Electr. & Comput. Eng., Alabama Univ., Huntsville, AL, USA, Journal: Proceedings of the SPIE--The Internatoinal Society for Optical Engineering, vol.: 2026 pp. 338-343, Date: 1993.
		Inspec 4697251 A9415-1230-038 B9408-6140C-048 C9408-1250-022 Doc Type: Conference Paper in Journal Title: Fractal dimension estimation for optical image segmentation Authors: Andrews, H.G., II; Getbehead, M.A.; Kozaitis. S.P. Affiliation: Rome Lab. Photonics Center, Griffiss AFB, NY, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 2026 pp. 361-370 Date: 1993.
		Inspec 4697256 A9415-4230-041 B9408-4180-010 C9408-1250-025 Doc Type: Conference Paper in Journal Title: Large-scale neural network model for multi-class pattern recognition Authors: Phys. Optics Corp., Torrance, CA, USA Affiliation: Lu, T.; Lin, F.; Chou, H.; Kostrzewski, A.; Chen, J. Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 2026 pp. 403-414 Date: 1993.
		Inspec 4697282 C9408-5260B-031 Doc Type: Conference Paper in Journal Title: Hybrid pyramid/neural network object recognition Authors: Ansidan, P.; Burt, P.J.; Pearson, J.C.; Spence, C.D. Affiliation: David Semoff Res. Center, Princeton, NJ, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 2103 pp. 92-97 Date: 1994.

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		Inspec 4697503 B9408-6140C-051 C9408-1250-029 Doc Type: Journal Paper Title: Two-plus-one-dimensional differential geometry Authors: Koenderink, J.J.; Van Doorn, A.J. Affiliation: Buys Ballot Lab., Utrecht Biophys. Res. Inst., Netherlands Journal: Pattern Recognition Letters vol. 15 Iss: 5 pp. 439-443 Date: May 1994.
		Inspec 46977248 A9415-4230-036 B9408-6140C-046 C9408-1250-021 Doc Type: Conference Paper in Journal Title: Spatially multiplexed composite filters for optical pattern recognition Authors: Abushagur, M.A.G. Affiliation: Dept. of Electr. & Comput. Eng., Alabama Univ., Huntsville, AL, USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 2026 pp. 338-343 Date: 1993.
		INSPEC 469782 C9408-5260B-31, Doc Type: Conference Paper in Journal, Title: Hybrid pyramid/neural network object recognition, Authors: Anandan, P.; Burt, P.J.; Pearson, J.C.; Spence, C.D., Affiliation: David Sarnoff Res. Center, Princeton, NJ, USA, Journal: Proceedings of the SPIE--The International Society for Optical Engineering, vol.: 2103 pp. 92-97, Date: 1994.
		Inspec 4699458 B9408-6140C-025 C9408-5260B-006 Doc Type: Journal Paper Title: Model-based multiresolution motion estimation in noisy images Authors: Wool Boon Gob; Martin, O.R. Affiliation: Sch. of Appl. Sci., Nanyang Technol. Inst., Singapore Journal: CVGIP: Image Understanding vol. 59 Iss: 3 pp. 307-319 Date: May 1994.
		Inspec 4699527 B9408-6140C-076 C9408-52608-5260B-043 Doc Type: Journal Paper Title: A probabilistic matching algorithm for computer vision Authors: Camps, O.I.; Shapiro, L.G.; Haralick, R.M. Affiliation: Dept. of Electr. Eng., Pennsylvania State Univ., University Park, PA, USA Journal: Annals of Mathematics and Artificial Intelligence vol. 10 Iss: 1-2 pp. 85-124 Date: May 1994.

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Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
		INSPEC 4699540 B9408-6140CC083 C9408-5260B-045, Doc Type: Journal Paper, Title: A new motion compensation method for image sequence coding using hierarchical grid interpolation, Authors: Chung-Lin Huang; Chao-Yuen Hsu, Affiliation: Inst. of Electr. Eng., Nat. Tsing Hua Univ., Hsinchu, Taiwan, Journal: IEEE Transactions on Circuits and Systems for Video Technology, vol.: 4 Iss: 1 p. 42-52, Date: Feb. 1994.
		INSPEC 4701135 B9408-6140-085 C9408-1250-63, Doc Type: Conference Paper, Title: Pattern theory in algorithm design, Authors: Axtell, M.; Ross, T.; Noviskey, M., Conf. Title: Proceedings of the IEEE 1993 National Aerospace and Electronics Conference. NAECON 1993 (Cat. No. 93CH3306-8) p. 920-5 vol. 2, Publisher: IEEE, New York, NY, USA, Date: 1993 2 vol. xvii + 1171 pp.
		Inspec 4701197 B9408-0100-026 C9408-1250-066 Doc Type: Conference Proceedings Conf. Title: Proceedings of the IEEE Southwest Symposium on Image Analysis and Interpretation Publisher: IEEE Comput. Soc. Press Los Alamitos, CA, USA Date: 1994 viii+167 pp.
		Inspec 4702077 B9408-4180-022 C9408-5270-017 Doc Type: Conference Paper in Journal Title: Optoelectronically implemented neural network with a wavelet preprocessor Authors: Chao, T.-H.; Hegbloni, E.; Lae, B.; Stone, W.W.; Michdi, W.I. Affiliation: Jet Propulsion Lab., California Inst. of Technol., Pasadena, C.A. USA Journal: Proceedings of the SPIE--The International Society for Optical Engineering vol. 2026 pp. 472-283 Date: 1993.
		Inspec 4704763 C9408-7150-019 Doc Type: Journal Paper Title: Design and implementation of map database systems (MDS) Authors: Tan Guozben, Huang Qingming; Gao Wen; Zhang Tianwon; Zhu Zhiying Affiliation: Dept. of Comput. Sci. & Eng., Dalian Univ. of Technol., China Journal: Journal of Dalian University of Technology vol. 34 Iss: 2 pp. 180-184 Date: Apr. 1994.

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Examiner Initial	Desig. ID	Document
		Inspec 4706056 B9408-6140C-143 C9408-1250-088 Doc Type: Conference Paper Title: Spotting recognition of human gestures from motion images Authors: Takahash. K.; Schl. S.; Oka, R. Affiliation: Tsukube Res. Center, Ibaraki, Japan Conf. Title: Time-Varying Image Processing and Moving Object Recognition. 3. Proceedings of the 4th International Workshop pp. 65-72 Editors: Cappellini, V. Publisher: Elsevier Amsterdam, Netherland Date: 1994 xiii+429 pp.
		Inspec 4706074 B9408-6310-021 Doc Type: Conference Paper Title: The Concept of kinematical image and its practical use in radar target studies Authors; Bertrand, J.; Bertrand, P.; Vignaud, L. Affiliation: CNRS, Paris VII Univ., France Conf. Title: Time-Varying Image Processing and Moving Object Recognition, 3. Proceedings of the 4th International Workshop pp. 217-224 Editors: Cappellini, V. Publisher: Elsevier Amsterdam, Netherlands Date: 1994 xiii+429 pp.
		Inspec 4706675 B9408-6140C-186 C9408-1250-106 Doc Type: Conference Paper Title: Analysis of texture images using robust fractal description Authors: Avadhanam, N.; Mitra, S. Affiliation: Dept. of Electr. & Comput. Eng., California Univ., Davis, CA, USA Conf. Title: Proceedings of the IEEE Southwest Symposium on Image Analysis and Interpretation p. 1-6 Publisher: IEEE Comput. Soc. Press Los Alamitos, CA, USA Date: 1994 viii+167 pp.
		Inspec 4706688 B9408-6140C-197 C9408-1250-116 Doc Type: Conference Paper Title: An invariant traffic sign recognition system based on sequential color processing and geometrical transformation Authors: Kang, D.S.; Griswold, N.C.; Kehtarmavaz, N. Atfiliation: Dept. of Electr. Eng., Texas A&M Univ., College Station, TX, USA Conf. Title: Proceedings of the IEEE Southwest Symposium on Image Analysis and Interpretation pp. 88-93 Publisher: IEEE Comput. Soc. Press Los Alamitos, CA, USA Date: 1994 viii+167 pp.
		Integrated Information Technology Inc., Data Sheets.
		International Organisation for Standardisation Organisation Internationale de Normalisation, ISO/IEC JTC1/SC29/WG11, MPEG97/2290, Jul. 1997.
		Internet Article "1.1 Visual information retrieval".

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(37 CFR §1.98(b))			

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		Internet Article "1.1.1 Why unconstrained imagery?"
		Internet Article "1394 High Performance Serial Bus", http://www.ti.com/sc/docs/msp/1394/1394.htm .
		Internet Article "1394 TA Related Websites", http://www.1394ta.org/abouttech/weblink.html .
		Internet Article "1394 Technologies", http://developer.intel.com/solutions/tech/1394.htm .
		Internet Article "21145 Phoneline/Ethernet LAN controller", http://developer.intel.com .
		Internet Article "A Day at the DVD Forum: Technical Notes."
		Internet Article "A new approach to TV viewing", http://www.usatoday.com .
		Internet Article "A new approach to TV viewing", USA Today, Sep. 14, 1998, http://www.usatoday.com .
		Internet Article "Abstract of Aniko Simon' PhD thesis".
		Internet Article "abstract.html at www.c3.lanl.gov ".
		Internet Article "Automatic Content-Based Retrieval of Broadcast News".
		Internet Article "B.S. Manjunath".
		Internet Article "Bringing High-Quality Digital Video to the PC".
		Internet Article "Call for Papers--Special Issue on Image and Video Processing for Digital Libraries", IEEE Transactions of Image Processing, http://vivaldi.ece.ucsb.edu/tip-special-cfp.html .

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		Internet Article "Color-based Image Retrieval".
		Internet Article "Consumer and Professional Digital Video Recording and Data Formats", http://www.adaptec.com/technology/standards/1394formats.html .
		Internet Article "Content Based Image Search Technical Papers".
		Internet Article "Current Research on Video and Image Databases".
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		Internet Article "Draft ICPR98 Conference Schedule", http://www.cssip.elec.uq.edu.au/ icpr98/schedule.txt .
		Internet Article "EET-i Top of the News Week of Apr. 22, 1996", EET-i Week of Apr. 22, 1996.
		Internet Article "Efficient Management of Image and Video Data" Alexandria Digital Library Project, http://vivaldi.ece.ucsb.edu .
		Internet Article "Energy Conservation Working Group of the 1394 Trade Association (1394-PCWG)", http://www.1394-pewg.org/ .

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		Internet Article "Fast Multiresolution Image Querying".
		Internet Article "For TV Watchers, Pause Stops Time", http://www.nydailynews.com .
		Internet Article "Have Fun", http://www3.techstocks.com .
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		Internet Article "IEEE 1394 I/O Connector System", http://www.molex.com/other/news1394.html .
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		Internet Article "Image Database with Relevance Feedback", Project Description.
		Internet Article "Image-Based Recognition using Learning for Generalizing Parameters".
		Internet Article "ImageGREP: Fast Visual Pattern Matching in Image Databases".
		Internet Article "Individualized Television", http://208.246.40.20/newpage/tv/middle.html .
		Internet Article "Instructions for the Demo".
		Internet Article "Integration, Management and Processing of Images for High-end Applications--CBIR Internet-sites", http://iris.elis.rug.ac.be/pds/imvb_sites.html .
		Internet Article "Intel 21145 Phoneline/Ethernet LAN Controller Product Brief".
		Internet Article "Internet Learning", http://208.246.40.20/newpage/internet/middle.html .

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		Internet Article "John R. Smith ".
		Internet Article "Just Play It Again, Sam", http://www.newsweek.com .
		Internet Article "Local copies of CBIR-articles", http://telin.rug.ac.be/pds/imvb/list_available_art.html .
		Internet Article "MPI Video: Content-Centric Interactivity and Gestalt Video".
		Internet Article "MultiMedia/Image Database Systems, Query by Image and Video Content: The QBIC System", http://www.cs.usask.ca/homepages/grads/tpg134.clotho_web_page .
		Internet Article "Network Image Databases", Net.sub.--image.sub.--data-0.3html at dcas.ucdavis.edu .
		Internet Article "Numinous Technologies, Inc."
		Internet Article "P1394B (Gigabit 1394)", http://www.zayante.com/p1394b .
		Internet Article "Patter Analysis and Applications Journal", Deja News-Article.
		Internet Article "Program Guides", http://www.yahoo.com/Business_and_Economy .
		Internet Article "Publications and Proposals", http://www.ifp.uiuc.edu/.about.yrui/html/publication.html .
		Internet Article "QBIC--IBM's Query by Image Content", http://www.qbic.almaden.ibm.com .
		Internet Article "Replay TV Lets Viewers Take Control, Watch TV on Their Own Schedules", http://www.gadgetguru.com .

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		Internet Article "Research in Video and Image Libraries: Browsing, Retrieval, Annotation", http://www-white.media.mit.edu .
		Internet Article "Scenic Video/Image Retrieval-A Demo, Keyframe Search-A Demo".
		Internet Article "Similarity Indexing: Algorithms and Performance" by David A. White.
		Internet Article "Special Issue of Image Communication on MPEG-4", MPEG-4 Special Issue.
		Internet Article "Steve Gallant Publications".
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